

GARMIN®



2023 MARINE
BROCHURE



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GARMIN®



Castagnola Heritage 9.9

SONAR TECHNOLOGY



LIVESCOPE PLUS™

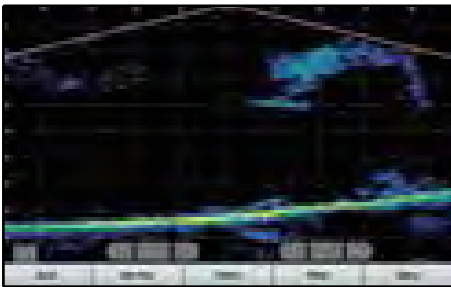


The best of the best just got better with the LiveScope Plus System. Offering improved resolution, reduced noise, clearer images and better target separation, it features built-in stabilisation to keep the sonar image steady on your compatible chartplotter, even in rough conditions. Now it's easier than ever to see structure, bait and fish swimming around your boat in real-time.

Part no: 010-02706-00 Panoptix LiveScope Plus System w/ LVS34 and GLS10

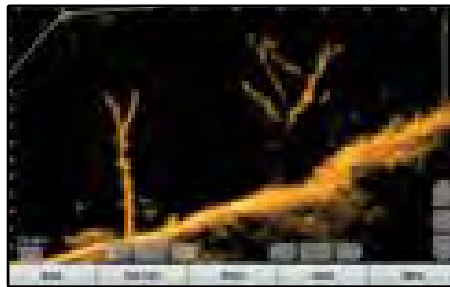
THREE MODES IN ONE TRANSDUCER

LIVESCOPE™ PLUS DOWN MODE



View live, easy-to-interpret scanning sonar images of structure and swimming fish in incredible detail below your boat.

LIVESCOPE™ PLUS FORWARD MODE



Scout ahead of your boat to see what's happening in real-time by scanning sonar images of structure and fish up to 200' away.

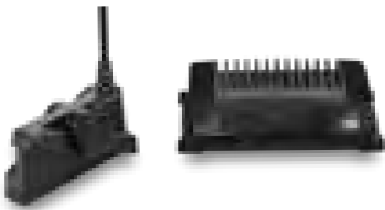
LIVESCOPE™ PLUS PERSPECTIVE MODE



An ideal sonar mode for shallow water, this mode lets you see under the water with a view from your perspective above the water.

LIVESCOPE PLUS SCANNING SONAR SYSTEM

010-02706-00 Panoptix LiveScope Plus System w/ LVS34 and GLS10 010-02706-10 LiveScope Plus LVS34, Transducer only



Includes a compact GLS 10 sonar black box with LVS34 transducer and simple plug-and-play Garmin Marine Network connector to install easily and integrate seamlessly with your compatible Garmin chartplotter¹. With support for Forward, Down and Perspective mode views, now it's easier than ever to see the structure, bait and fish around your boat in real-time. Available with Perspective Mode Mount, trolling motor barrel mount and shaft mount options.

¹Compatible with GPSMAP® 8400/GPSMAP 8600 chartplotter series, GPSMAP® x2 Plus, GPSMAP® x3, ECHOMAP™ Ultra combo, and ECHOMAP UHD2 SV Series

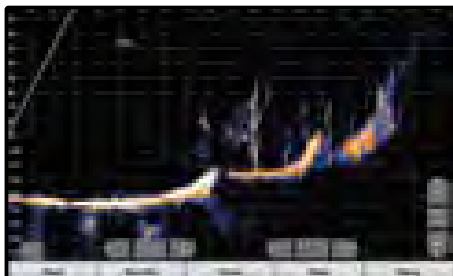
LIVESCOPE™ XR SYSTEM

You didn't think it could get better, but it did with the extended range of the LiveScope™ XR System. It's the latest in LiveScope technology, now for coastal and open-water fishing. The XR transducer offers live scanning sonar up to 350' in saltwater and up to 500' in freshwater in three modes. Adjust the transducer to fit where you fish; use LiveScope™ Forward mode to see around your boat, LiveScope™ Down mode to see directly below your boat and Perspective mode for an overhead sonar view that's perfect for scouting open water or shorelines.



Part no: 010-02719-00 Panoptix LiveScope XR System w/LVS62XR and GLS10

LOOK DEEPER



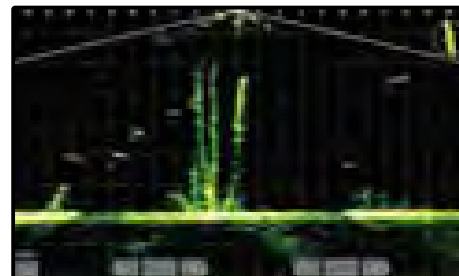
Explore the deep with extended-range, live-scanning sonar depths up to 650' in three modes.

TAKE A CLOSE VIEW



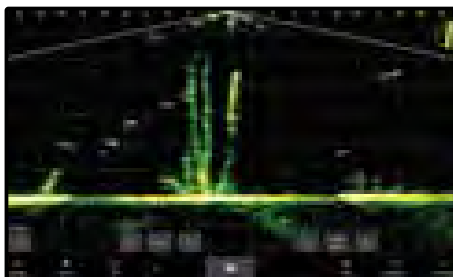
Find fish circling close to your boat. Compress range gives you clear views of waters around your hull.

IMAGE STABILISATION



A built-in stabilisation system keeps the sonar image steady on your compatible chartplotter, even in rough conditions.

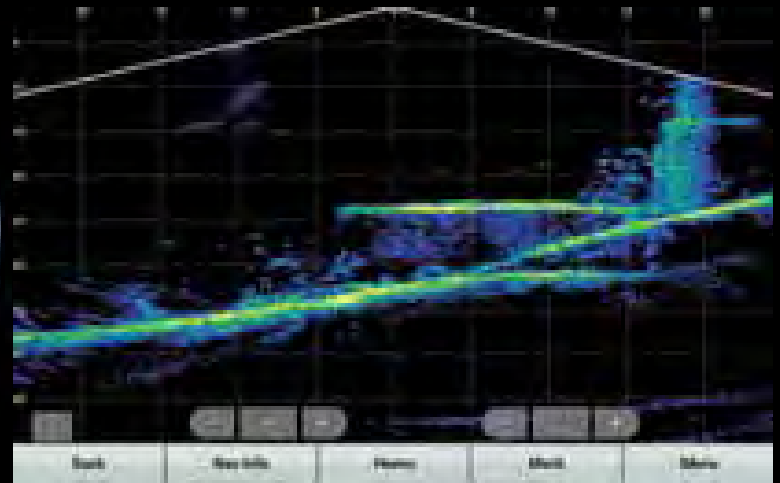
VIVID COLOUR PALETTES



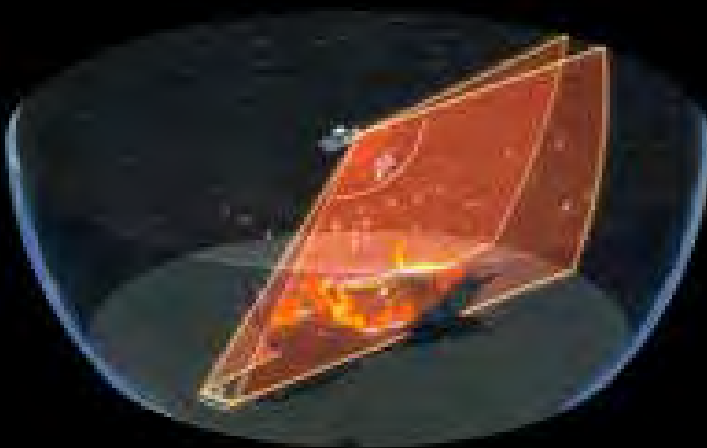
Choose from seven vivid colour options to see fish and structure with maximum contrast and clarity.



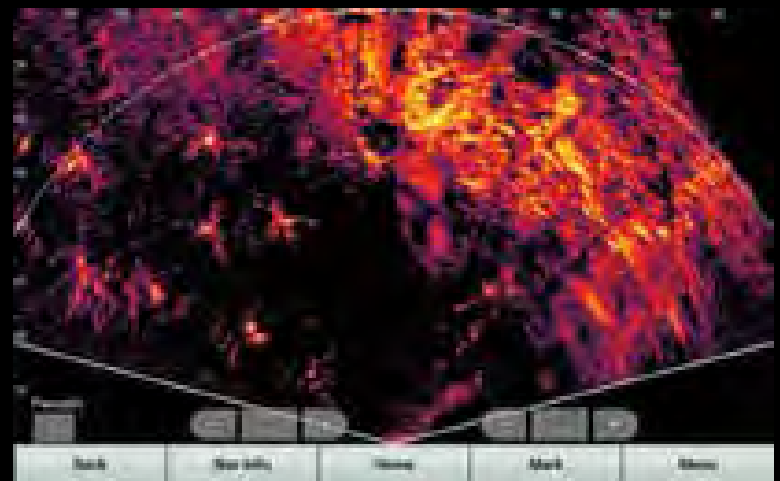
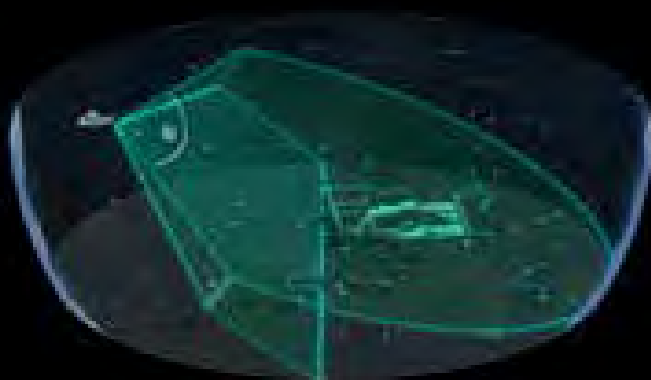
LIVESCOPE™ DOWN



LIVESCOPE™ FORWARD



LIVESCOPE™ PERSPECTIVE MODE



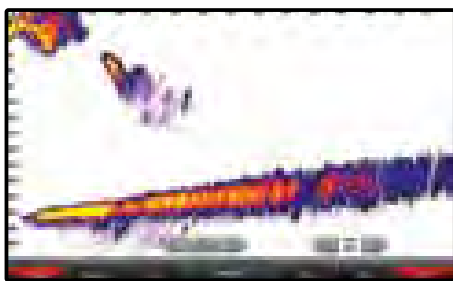
PANOPTIX™ ALL-SEEING SONAR

Panoptix sonar is opening up a new world for serious fishermen. It makes it possible to see fish and bait swimming, in real-time, around or under your boat – even when the boat is not moving.

PANOPTIX FORWARD

Includes 3 forward views: LiveVü Forward, RealVü 3D Forward and FrontVü¹.

LIVEVÜ FORWARD



Provides a live sonar look at fish swimming and moving toward or away from the boat. Cast right at fish. See your lure. See fish react to your lure. See and feel the strike.

REALVÜ 3D FORWARD



Scans the area in front of your boat, creating a forward-looking 3D view of the bottom, structure and fish.

FRONTVÜ



To help give you time to avoid collisions with submerged obstacles, FrontVü shows underwater obstructions within a 300-foot range as you approach them in real-time².

PANOPTIX DOWN

Includes 3 downward views: LiveVü Down, RealVü 3D Historical, and RealVü 3D Down.

LIVEVÜ DOWN



Shows real-time moving sonar images of small baitfish and large target fish swimming below your boat and pinpoints their distance left or right and their depths.

REALVÜ 3D HISTORICAL



Scrolls through sonar data as the boat moves to show the history of the entire water column from the bottom to the surface and all of the fish in between.

REALVÜ 3D DOWN



Scans below the boat – front to back and side to side – to construct a full 3D view of the area under the boat, letting you see contour changes, fish and structure, even while stationary.

¹The forward-facing transom mount should be mounted in a location that is out of the water as speeds over 17 knots. If located below the waterline, cruising speeds over 21 Kn should be avoided.

²The ability to effectively avoid running aground with FrontVü sonar decreases as speed rises above 8 knots.

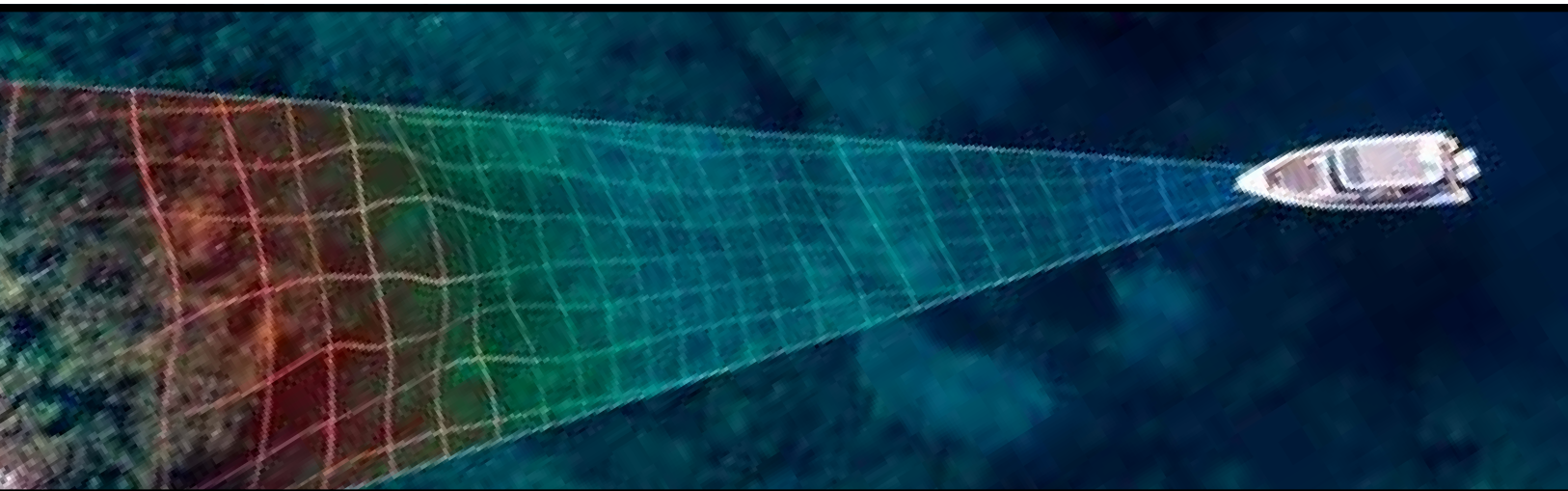
PANOPTIX™ ALL-SEEING SONAR

PANOPTIX FRONTVÜ SONAR

Part no: PS51-TH: 010-01753-00



Multibeam thru-hull transducer with premium FrontVü forward-looking sonar helps you avoid running aground¹ by displaying the bottom ahead of your boat in real-time on your chartplotter. It also includes LiveVü Forward sonar to give you the unique ability to see fish — even divers — swimming in real-time under and ahead of your boat with a 300-foot forward range.



THE LINEUP

	PS30 010-01284-00	PS51-TH 010-01753-00	PS60 010-01406-00
RealVü 3D Down	•		•
RealVü 3D Historical	•		•
LiveVü Down	•		•
RealVü 3D Forward			
LiveVü Forward		•	
FrontVü Forward		•	
Independent Power Connection	•	•	•
Transom Mount Included	•		
Trolling Motor Mount Included			
Thru-Hull Mount and Fairing Block		•	•

¹ The ability to effectively avoid running aground with FrontVü sonar decreases as speed rises above 8 knots

² The forward-facing transom mount should be mounted in a location that is out of the water as speeds over 17 knots. If located below the waterline, cruising speeds over 21 knots should be avoided

SCANNING SONAR SYSTEM

ULTRA HIGH-DEFINITION

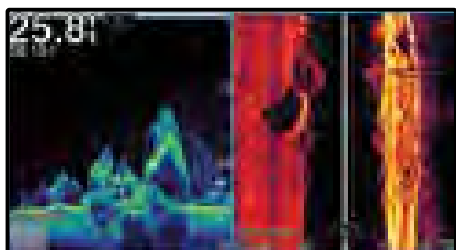


The Ultra High-Definition Scanning Sonar redefines scanning sonar. See everything below and off to the sides of your boat in amazingly sharp, crisp detail. The UHD transducers provides image details so clear and precise, you can actually see fish hanging just off branches of submerged trees, brush and rocks. You can see size differences between bigger and smaller fish and even see individual fish swimming in bait balls.

Share Ultra High-Definition scanning sonar images seamlessly across multiple networked chartplotters¹. You can also add optional Panoptix all-seeing sonar to your networked sonars.

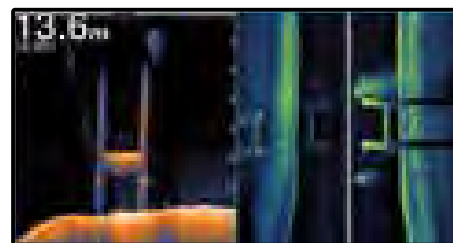
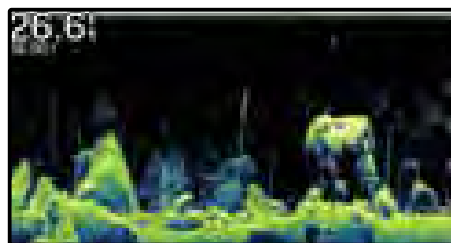
SEE EVERYTHING

Clarity and detail are redefined with the Ultra High-Definition scanning sonar system. It delivers greater resolution by putting more power on targets with a higher frequency range than conventional marine sonar technologies.



VIVID COLOUR PALETTE

See fish and structure in colourful detail with vivid colour palettes. See fish and structure in colourful detail with scanning sonar.

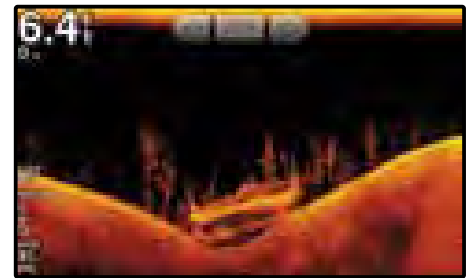


¹For use with ECHOMAP™ Ultra, ECHOMAP UHD2 SV series, GPSMAP® 8400xsv and GPSMAP® 753/953/1253xsv and chartplotter/sonar combo

ULTRA HIGH-DEFINITION

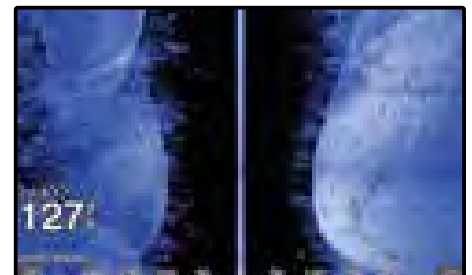
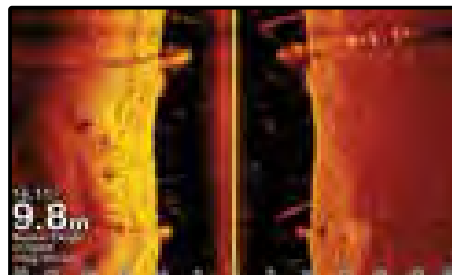
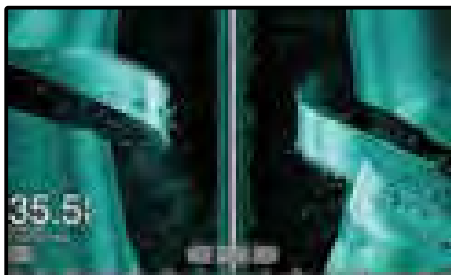
UHD CLEARVÜ

ClearVü with CHIRP technology is high-frequency sonar that delivers an amazingly clear picture of what's under your boat. ClearVü produces an ultra-clear image for a more detailed representation of objects, structure and fish.



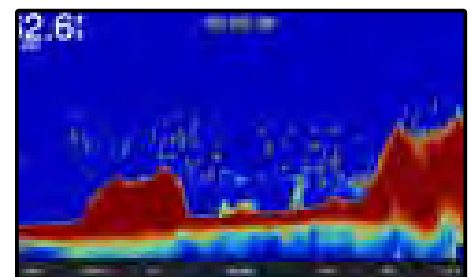
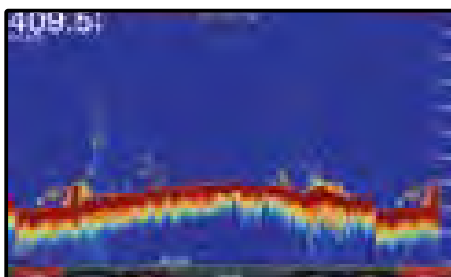
UHD SIDEVÜ

SideVü with CHIRP technology provides a highly detailed, high-resolution image of structure and fish off to either side of your boat. It's excellent for scouting, finding fish and the right types of structures for successful fishing.

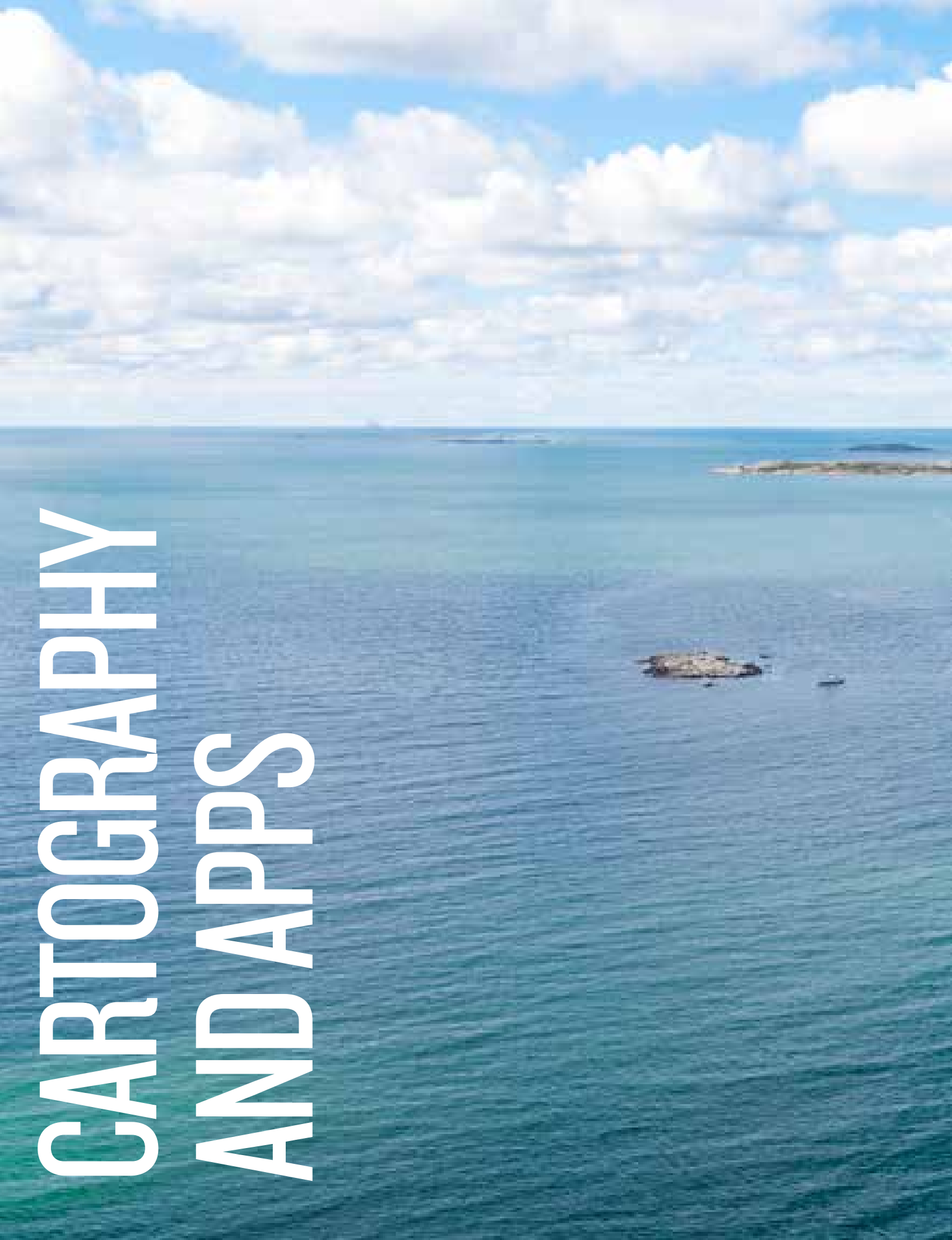


TRADITIONAL CHIRP SONAR

Garmin CHIRP traditional sonar sends a continuous sweep of frequencies ranging from low to high. This sweep of frequencies provides a wide range of data to create an amazingly clear, high resolution image.



CARTOGRAPHY AND APPS





NAVIONICS

#1

IN MAPPING¹

THE BEST OF GARMIN WITH THE BEST OF NAVIONICS[®]

Whether you're adventuring on the high seas, cruising an intercoastal waterway, fishing on your new favourite freshwater lake, or piloting a commercial workboat, your chartplotter deserves the best, most up-to-date cartography and navigation data available. Since Garmin and Navionics came together, we have been combining the best of our data and technology to produce superior cartography products for boaters all over the world. And now, with Garmin and Navionics integrated mapping solutions, we're making it even easier to choose the navigation features that best match your plotter, your priorities and your price range. Map coverage areas are now aligned across standard and premium cartography for all Garmin and Navionics branded products — with combined coastal and lake content, making it simple to access the map areas you want. See all the best places that water can take you. And plot your course with the world's No. 1 choice in marine mapping.

¹Based on 2020 reported sales

See current Garmin/Navionics cartography catalogue for coverage areas and pricing.

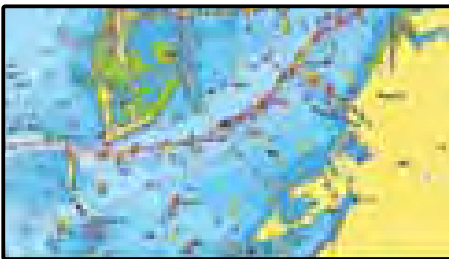
GARMIN NAVIONICS+™ CHARTS

Worldwide coverage available

INTEGRATED MAPPING FOR GARMIN CHARTPLOTTERS

You haven't seen Garmin cartography like this before. With integrated Garmin and Navionics content, it renders a whole new look and feel on your chartplotter¹, with a vibrant colour palette and popular Navionics style chart presentation. For offshore or inland waters, this all-in-one solution offers detail-rich mapping of coastal features, lakes, rivers and more – with shaded depth contours and access to daily updates via the ActiveCaptain® app. Advanced Auto Guidance+ technology² offers a suggested dock-to-dock path to your destination. And multiple shading options aid in shallow water navigation and make it easy to select depth ranges for the best fishing spots.

ADVANCED CHART DETAIL



Integrated Garmin and Navionics content, with an updated colour palette and Navionics style appearance, offers exceptional coverage, clarity and detail on your chartplotter.

DETAILED CONTOURS



Up to 1' contours provide a more accurate depiction of bottom structure, so you can catch more fish and navigate with confidence.

AUTO GUIDANCE+



Built-in Auto Guidance+ technology¹ uses your desired depth and overhead clearance, along with chart data and frequently travelled routes, to calculate a suggested path to follow from dock to dock. This results in smoother, more detailed routes, and it now calculates even faster.

DEPTH RANGE SHADING



Select high-resolution depth range shading for up to 10 depth ranges to view your target depth at a glance.

SHALLOW WATER SHADING



Shallow water shading for a user-defined depth gives a clearer picture of shallow waters to avoid when navigating.

¹Garmin Navionics+ and Garmin Navionics Vision+ are designed for use on compatible Garmin devices only. Other brands may utilise Navionics+ or Platinum+ cartography. • ²Auto Guidance+ is for planning purposes only and does not replace safe navigation operations.

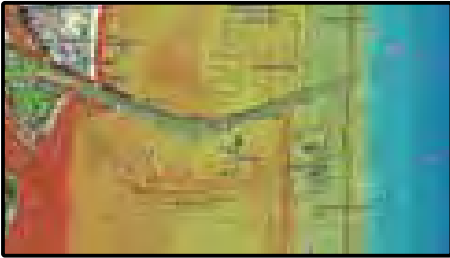
GARMIN NAVIONICS VISION+™ CHARTS

Worldwide coverage available

PREMIUM MAPPING FOR GARMIN CHARTPLOTTERS

Our premium cartography solution for Garmin devices adds even more graphical content and visual dimension to the standard Garmin Navionics+ feature set. Covering offshore and inland waters, this all-in-one mapping package lets you navigate seamlessly with such additional onscreen aids as high-resolution relief shading, 3-D perspective views, and overhead visual reference from aerial photography and satellite imagery. Enhancing your situational awareness, these extra features help you navigate unfamiliar waters, marinas, shorelines, ports and more with confidence.

RELIEF SHADING



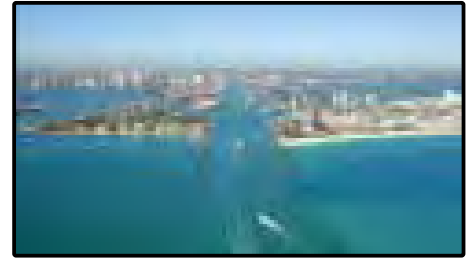
Highly detailed shading that combines colour and shadow to provide an easy-to-interpret, clearer view of bottom structure than contour lines alone.

HIGH-RESOLUTION SATELLITE IMAGERY



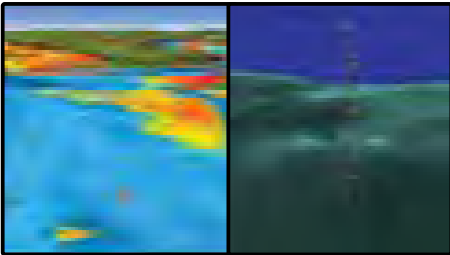
High-resolution satellite imagery overlaid with navigational charts gives you a realistic view of your surroundings — ideal for entering unfamiliar harbours or ports.

AERIAL PHOTOGRAPHY



Aerial and surface photography of ports, bridges, docks, navigational landmarks and more provides a better sense of your surroundings above the waterline.

3D VIEWS



MarinerEye and FishEye views provide 3-D representations of the surrounding area above and below the waterline.

GARMIN NAVIONICS+™ & GARMIN NAVIONICS VISION+™

LARGE COVER AREAS

Australia & New Zealand

PC012L



REGULAR COVER AREAS

Australia West

Australia Northeast

Australia Southeast

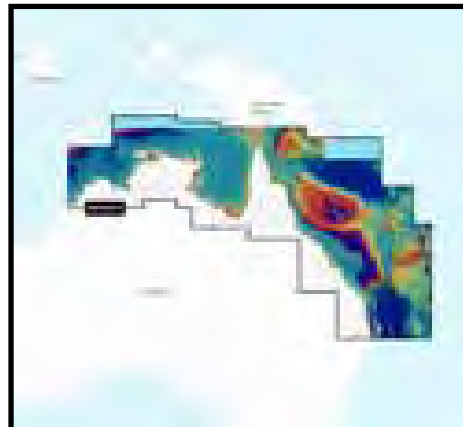
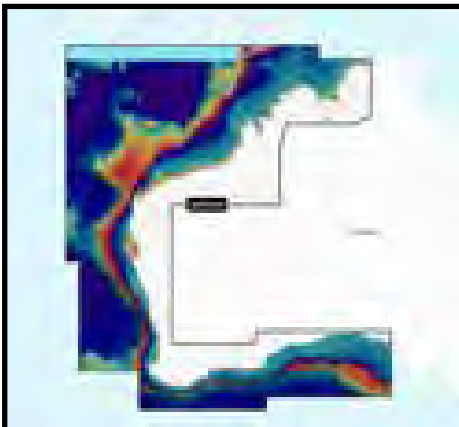
New Zealand

PC026R

PC027R

PC028R

PC029R



For more information and world wide coverages, please visit www.garmin.com



NAVIONICS® + CHARTS

NAVIONICS
A Garmin Brand

Worldwide coverage available

INTEGRATED MAPPING FOR THE WIDEST RANGE OF CHARTPLOTTERS

It's all about knowing your way on the water — with cartography you can trust. That's why the boaters who trust and rely on the Navionics brand have made it the world's No. 1 marine mapping provider¹. Seamlessly combining offshore and inland content, this all-in-one solution offers clear, reliable cartography for the widest range of chartplotter brands. Navionics+ and Platinum+ cartography is available on microSD™ cards for easy installation on your compatible marine device.

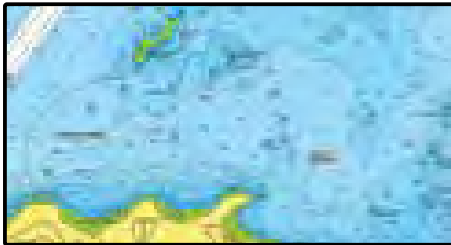
Start out from day one with up-to-date charts. An included one-year subscription provides access to daily updates, advanced features and so much more. Plus, all new coverage areas are aligned across standard and premium products, with combined coastal and lake content, making it easier to choose the right mapping solution for your needs.

The same detailed marine and lake charts are also available with the Navionics Boating app on your compatible Apple® or Android™ mobile device. Simply download the app and purchase your charts of choice to access top-of-the-line maps right from your phone.

NAVIONICS+

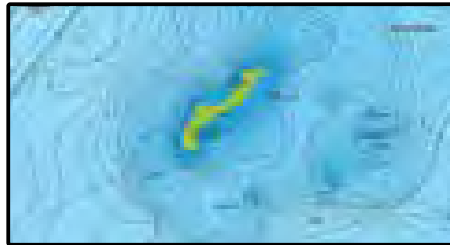
For offshore or inland waters, this all-in-one solution offers detail-rich integrated mapping, up to 1' (0.5 metre) HD contours, advanced features² such as dock-to-dock route guidance technology² and access to daily updates via the Navionics Chart Installer software.

NAUTICAL CHART



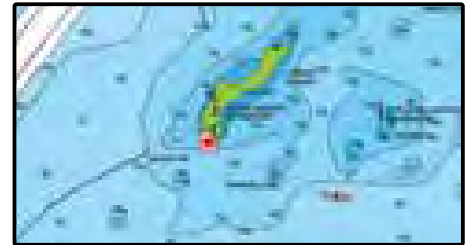
Essential cartographic reference detail for cruising, sailing and fishing: port plans, safety depth contours, marine services, tides and currents, and navigation aids.

SONARCHART™ HD BATHYMETRY



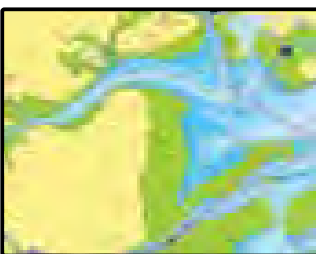
For improved fishing and navigation, SonarChart™ HD bathymetry maps display up to 1' (0.5 metre) contours for a more detailed depiction of bottom structure.

COMMUNITY EDITS



Download the Community Edits content layer to any Navionics card and view this valuable local information, contributed by Navionics Boating app users, on your compatible chartplotter.

DOCK-TO-DOCK ROUTE GUIDANCE



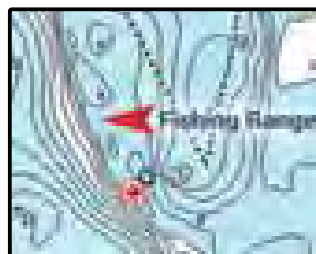
Navionics advanced route guidance technology³ uses your boat settings, along with chart data and frequently travelled routes, to calculate a suggested path to follow from dock to dock.

SONARCHART LIVE MAPPING FEATURE



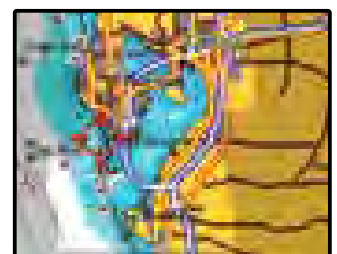
Create your own maps on the fly. Watch new up to 1' (0.5 metre) HD bathymetry maps develop in real-time as your boat moves along the water.

ADVANCED MAP OPTIONS



Change the way you view Navionics charts and focus on the details that matter most to you. Highlight shallow areas, adjust contour density or select a fishing range.

PLOTTER SYNC



Transfer routes and markers, update charts and more between your plotter card and mobile app — wirelessly. You can even activate or renew your card's subscription and upload sonar logs.

NOTE: Navionics+ and Platinum+ cards are not compatible with Garmin chartplotters • ¹Based on 2021 sales • ²Compatibility with Navionics advanced features varies depending on the chartplotter model • ³Route guidance is for planning purposes only and does not replace safe navigation operations • Apple is a trademark of Apple Inc., registered in the U.S. and other countries. • Android is a trademark of Google LLC.

PLATINUM+ CHARTS

NAVIONICS
A Garmin Brand

PLATINUM+ OVERLAYS AND FEATURES

Designed with the most demanding boaters and serious anglers in mind, all the marine content of Navionics+ is enhanced with additional viewing options that take your boating experience to the next level.

PLATINUM+

INTEGRATED COASTAL AND INLAND LAKES COVERAGE

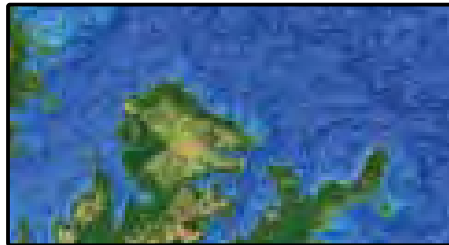
A comprehensive, all-in-one map solution, Platinum+ cartography combines premium marine content on oceans, major rivers and seas with freshwater inland mapping for more than 42,000 lakes worldwide.

HIGH-RESOLUTION RELIEF SHADING



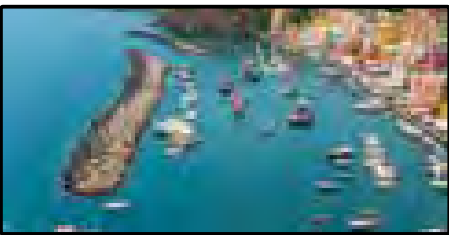
The relief shading feature brings bottom detail to life, from shallow flats to deep offshore canyons, in a vivid, colourful representation that helps boaters gain a better understanding of bottom topography.

SATELLITE IMAGERY WITH SONARCHART™ SHADING OVERLAY



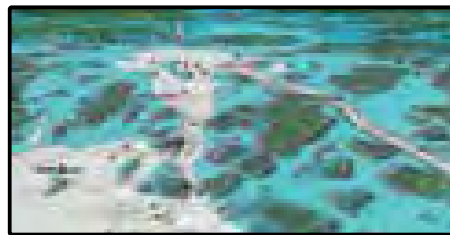
Created from SonarChart 1' contour data, varying shades of blue reveal changes in depth such as channels and drop-offs to improve situational awareness and give clear, visual cues to fish-holding structure.

AERIAL PHOTOGRAPHY



Aerial and surface photography of ports, marinas, bridges, docks, boat ramps, dams and navigational landmarks offers superior situational awareness.

3D VIEW



Unique 3D views provide additional perspective, both above and below the water.



NAVIONICS® BOATING APP

NAVIONICS
A Garmin Brand



For cruising, fishing, sailing, diving and all your other activities on the water, the Navionics Boating app brings detailed offshore marine and inland lake charts to your compatible mobile device so they're on hand wherever you go. As a companion to the chartplotter or on its own, the app delivers detailed chart content, relief shading overlays and useful functionality in a convenient and easy-to-use format.

In addition to all the great chart content, your one-year renewable subscription lets you access daily updates and powerful advanced features before, during and after your trip.

SPECIAL NAVIONICS BOATING APP FEATURES

Relief shading overlays use colour and shadow to provide boat owners with a better understanding of bottom topography for improved fishing and diving

Auto Guidance+ technology uses your desired depth and overhead clearance, along with chart data and navigation aids, to give you a suggested dock-to-dock path to follow¹

The Connections feature keeps you in touch with your friends and fellow boaters; and allows you to share your live location and tracks, routes and markers

Local edits from Boating app users and the ActiveCaptain® Community are integrated within the app

SonarChart™ Live mapping feature lets you create your own 1'/0.5 metre contour HD bathymetry maps in real-time while navigating

Access real-time weather data, daily and hourly forecasts, as well as wind, weather buoys, tides and currents overlaid on your map

The Boating app is available as a separate purchase for Apple® and Android™ devices and offers a free trial before subscribing



Apple is a trademark of Apple Inc., registered in the U.S. and other countries. • Android is a trademark of Google LLC.

¹Auto Guidance is for planning purposes only and does not replace safe navigation operations. Not all map features will display on all devices, particularly legacy devices. As engineering enhancements are ongoing, new features may not display on such legacy products.

ACTIVECAPTAIN® APP



Give yourself the advantages of the ultimate connected boating experience. Download the free all-in-one ActiveCaptain app. It provides you with a powerful connection to your Garmin chartplotter, charts, maps and the community. Wherever you are, you can have convenient access to your cartography, activate chart subscriptions, purchase and update maps and charts, plan your trips and access the Garmin Quickdraw™ Contours Community.



SPECIAL ACTIVECAPTAIN FEATURES

Use the built-in OneChart™ feature on the ActiveCaptain app to access and wirelessly update your charts from your mobile phone directly to your chartplotter

Receive smart notifications, such as calls and texts, on your chartplotter display when paired with the app

Download software updates and notifications from the app directly to your Garmin devices

Connect to fellow boaters with the ActiveCaptain community for up-to-date feedback on marinas and other points of interest

Make, save and transfer routes and waypoints between the app and chartplotter – with zero button presses¹

Easily upload and download the latest Garmin Quickdraw™ Contours content from the community

View and control your chartplotter from your smartphone or tablet²

Use with the OnDeck™ remote connectivity system to track, monitor and control up to 5 switches on your boat from virtually anywhere



¹Zero button presses applies to GPSMAP® chartplotters

²Helm only available on compatible GPSMAP units.



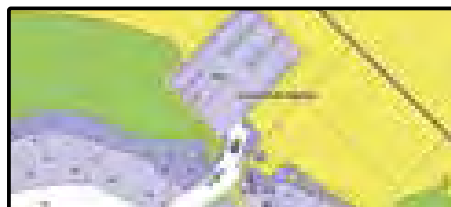
BLUECHART® CHARTS

Worldwide coverage available **NAVIONICS**
A Garmin Brand

BLUECHART® G3

Experience unparalleled coverage and brilliant detail when you're on the water. BlueChart g3 coastal charts provide exceptional coverage, clarity and detail with integrated Garmin and Navionics content. The charts also display suggested routes with Auto Guidance¹.

ADVANCED CHART DETAIL



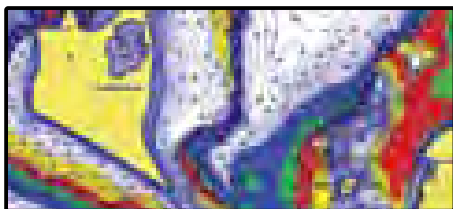
Highly detailed charts with Navionics data help mariners guide their boats in and out of port with confidence.

DETAILED CONTOURS



Up to 1' contours provide a more accurate depiction of bottom structure for improved fishing charts and enhanced detail in swamps, canals and port plans.

DEPTH RANGE SHADING



Select depth range shading for up to 10 depth ranges to view your target depth at a glance.

AUTO GUIDANCE



Auto Guidance¹ technology calculates a suggested route to your destination.

BLUECHART® G3 VISION

BlueChart g3 Vision is our premium chart offering, which includes all the reliability, functionality and integrated Garmin and Navionics® content of BlueChart g3 while adding even more exceptional features such as high-resolution relief shading to help you along your journeys.

RELIEF SHADING



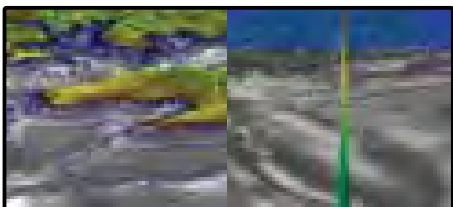
Highly detailed shading combines colour and shadow to provide an easy-to-interpret, clearer view of bottom structure than contour lines alone.

AERIAL PHOTOGRAPHY



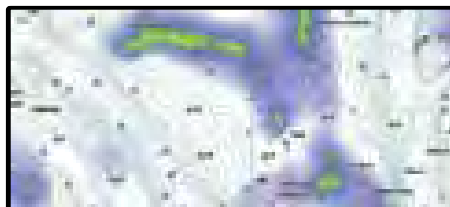
Pictures show exceptional detail of many ports, harbours and marinas. This is ideal when entering unfamiliar areas.

3D VIEWS



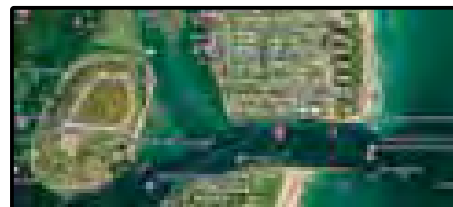
MarinerEye and FishEye views provide 3D representations of the surrounding area above and below the waterline.

SHALLOW WATER SHADING



Shallow water shading for a user-defined depth gives a clear picture of shallow waters to avoid.

HIGH-RESOLUTION SATELLITE IMAGERY



High-resolution satellite imagery overlaid onto navigational charts provides a realistic view of your surroundings.

¹Auto Guidance is for planning purposes only and does not replace safe navigation operations. Not all chart features will display on all devices, particularly legacy devices. As engineering enhancements are ongoing, new features may not display on such legacy products.

MARINE

ENTERTAINMENT





FUSION® MARINE ENTERTAINMENT



THE FUTURE WITH FUSION



Fusion, a Garmin brand, is passionate about enhancing your time on the water. Founded on New Zealand's trademark "Kiwi" determination, ingenuity and passion for life on the water, our first-hand experience with the ocean and great outdoors has provided a solid understanding of what it really takes to be a successful marine entertainment manufacturer. It is this experience and passion that is at the core of everything we do. Our drive to continually innovate has seen the delivery of many industry- and world-first, award-winning and customer-centric products that have set a new benchmark for marine audio entertainment. A commitment to innovation, quality and brilliant audio on the water — it's what we do best.

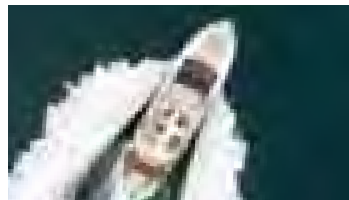


TRUE-MARINE™ DESIGN



Fusion True-Marine products are designed and engineered by Fusion specifically for the marine environment. True-Marine products are subjected to rigorous environmental testing under harsh marine conditions to surpass industry guidelines of marine electronics. All Fusion True-Marine products are backed by Fusion's 3 year, industry leading warranty to last season after season on your boat.

MULTI-ZONE™ TECHNOLOGY



Fusion introduced Multi-Zone technology to the marine industry more than 10 years ago, giving you the freedom to independently control the music in up to four separate zones on board. Adjust the balance, subwoofer and volume levels, with each zone able to be named for quick zone identification, providing a simple, quick and easy way to control the audio in each zone of your boat.

FUSION DSP



The power of Fusion DSP enables the optimisation of your audio system in each zone on board, providing customised listening in any environment. Every step of the audio chain is calculated and optimised by our engineers to deliver a technically superior listening experience — without the need for you to have the technical understanding. From the kick drum to your eardrum, Fusion DSP ensures you enjoy your music in the quality the musicians intended.

THE WORLD'S FIRST WI-FI® STEREOS



Wi-Fi audio streaming provides high-quality audio streaming with a faster data transfer rate in comparison with BLUETOOTH® wireless technology. Seamless Apple AirPlay® 2 streaming is now available over Wi-Fi from a compatible Apple® device to the Apollo™ Series* stereos, enabling you to stream your music to multiple Apollo units on the same network.

FUSION-LINK™



Fusion-Link makes control of your on-water entertainment simple, convenient and easier than ever. Quickly find your favourite song, tune in to the sports or turn up the volume, all from your partnered multifunction display (MFD) with Fusion-Link over NMEA 2000®.

Download the free Fusion-Link app to bring wireless audio control to the palm of your hand, via BLUETOOTH wireless technology or Wi-Fi with your compatible device. Enjoy wireless audio control with your compatible device and the Fusion-Link app, or right from your wrist with your compatible Garmin watch and the free Fusion-Link Lite app.



*MS-RA670 / MS-WB670 will get Apple AirPlay 2, PartyBus and over-the-air software updates when connected via Ethernet to an external wireless router (sold separately), Garmin MFD or Apollo Series stereo network enabled with Wi-Fi technology. • Wi-Fi is a registered trademark of the Wi-Fi Alliance. The Bluetooth word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Garmin is under license. AirPlay and Apple are trademarks of Apple Inc., registered in the U.S. and other countries.

THE SUM OF AUDIO INNOVATION

FUSION
A Garmin Brand

APOLLO™ SERIES

Enhance your time on the water with world-class Apollo Series marine audio entertainment products. These premium stereos feature a modern design aesthetic with robust, cutting-edge sound technology tailored to the marine environment. The result: clear, dynamic sound reproduction that sets a new industry benchmark in on-water listening enjoyment.

MS-RA770



The Apollo RA770 is the world's most-awarded marine stereo. It features a 4.3" touchscreen display with Fusion® DSP, built-in Wi-Fi® with Apple® AirPlay 2, PartyBus™-Network technology, over-the-air software updates and Multi-Zone™ technology in four zones. It also has Fusion-Link™ control and an IPX6 and IPX7 water resistant front face with True-Marine™ design.

MS-RA670



The Apollo RA670 reembodies award-winning innovation in a more compact form factor. Key features include a 2.7" optically bonded colour LCD, Fusion DSP, Multi-Zone technology in three zones and Fusion-Link control. When connected to a Wi-Fi network, you have the additional features of Apple AirPlay 2*, over-the-air software updates* and PartyBus-Network technology*.

MS-WB670



The Apollo WB670 hideaway stereo is designed to save dash space at the helm with its compact form factor. It inherits key features from the Apollo RA670, including Fusion DSP, PartyBus-Network technology*, Wi-Fi audio streaming* with Apple AirPlay 2* and over-the-air software updates.* It includes Multi-Zone technology in three zones and Fusion-Link control.

MS-SRX400



A perfect companion to the Apollo RA770, the compact Apollo SRX400 zone stereo features a 2.7" optically bonded colour LCD, Fusion DSP, built-in Wi-Fi with Apple AirPlay 2, PartyBus-Network technology and over-the-air software updates for a superior audio experience.



Works with
Apple AirPlay

QUALITY, CONVENIENCE, BEST IN CLASS.
THE ONLY MARINE STEREO WITH Apple AirPlay 2.

The world's first marine stereo series to bring you seamless high-quality audio streaming from a music app via Apple AirPlay 2* over Wi-Fi from a compatible Apple device. With Apple AirPlay 2, you can stream the same audio to every compatible Apollo stereo connected to the same network, and enjoy high-quality audio synchronised across the entire boat with volume control individually or globally.

THE INDUSTRY AWARD-WINNING FEATURES OF THE APOLLO SERIES



**FUSION DIGITAL
SIGNAL PROCESSING**

A technically superior listening experience made simple. Fusion DSP optimises the audio signal delivered to your Fusion system to produce superior sound quality at all volume levels, in every listening environment.



**THE WORLD'S FIRST
MARINE WI-FI STEREO**

Enjoy the clarity and premium quality of Wi-Fi audio streaming in a world-first for marine stereos, including the convenience of Apple AirPlay 2 and UPnP, with faster data transfer rate and increased connectivity range in comparison with BLUETOOTH® audio streaming.



**OVER-THE-AIR
SOFTWARE UPDATES**

Over-the-air software updates are now available from your compatible device via the free Fusion-Link app, making the Apollo Series intelligently simple and always up to date.



FUSION PARTYBUS-NETWORK

Engineered for those who value the freedom to play what they want, where they want, Fusion PartyBus-Network is the audio distribution system of the future. We have introduced a new intuitive user experience for the Apollo Series, allowing you to seamlessly navigate and control your entire boat's audio network.

Key functionalities include:

- **Stereo grouping** – play the same synchronised audio source across grouped stereos.
- **Volume control** – individual or group volume control.

- **Power options** – turn on or off any Apollo Series stereo on the PartyBus-Network from another Apollo Series stereo or remote.
- **Home zone** – easy access to control where the stereo is installed.

*MS-RA670 / MS-WB670 will get Apple AirPlay 2, PartyBus and over-the-air software updates when connected via Ethernet to an external wireless router (sold separately). Garmin MFD or Apollo Series stereo network enabled with Wi-Fi technology. • Wi-Fi is a registered trademark of the Wi-Fi Alliance. The Bluetooth word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Garmin is under license. AirPlay and Apple are trademarks of Apple Inc., registered in the U.S. and other countries.

FUSION® MARINE ENTERTAINMENT

FUSION
A Garmin Brand

APOLLO AMPLIFIERS



Fusion Apollo amplifiers are the difference between hearing the music and feeling it. They are efficient, easy-to-install and work with your compatible Fusion stereo system¹. With multichannel versions capable of producing an impressive 150-watt RMS per channel – and monoblock units outputting up to 650 watts RMS powering a subwoofer – these Apollo amplifiers deliver a crisp, clean, technically superior marine audio experience. The compact zone amplifier provides audio zone expansion for high-quality sound in more areas on your boat. They all use less power, so you can listen to music longer with less drain on your battery. Plus, the Easy Tune feature² automatically regulates audio settings for the best sound quality without manual adjustments.

Available in: Monoblock | 4 Channel | 6 Channel | 8 Channel | Zone Amplifier

FUSION WAKE TOWER SPEAKERS



Join the party, whether you're on the boat or behind it. Fusion wake tower speakers are designed to deliver crystal-clear, high-quality audio at any volume level – plus full-spectrum LED lighting to match your music and add the ideal visual ambience to your on-water entertainment experience. The speakers' acoustic properties have been specifically optimised for wake boat applications. Speakers are offered in a range of sizes, and they're built True-Marine™ tough to last season after season in harsh marine environments. A selection of accessory mounting brackets (sold separately) makes for easy installation and versatility on board.

Signature Series 3i available in: 6.5" | 8.8"

XS Series available in: 6.5"

SIGNATURE SERIES 3i SPEAKERS



Bring on the elements. The Signature Series 3i speakers deliver crystal-clear audio and withstand harsh marine conditions like never before. New water-resistant connectors make installation easy and provide superior protection against the elements, season after season. CURV® Cone composite fibre technology produces greater sound definition at higher volumes. And CRGBW LED lighting (sports-style with LED models only) adds both Cool White and Warm White to the standard RGB LEDs, providing an unprecedented spectrum of colours to illuminate your boat and match your music for an unparalleled on-water entertainment experience.

Available in: 6.5" | 7.7" | 8.8"

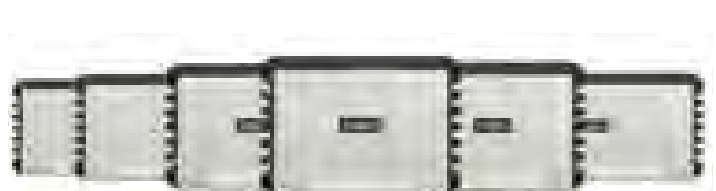
SIGNATURE SERIES 3i SUBWOOFERS



Bring the thunder. The Signature Series 3i subwoofers deliver the drama with the premium low frequencies to enhance your listening experience. With new water-resistant connectors and a redesigned grille, these subwoofers are made for life on the water, just like you.

Available in: 10" | 12"

SIGNATURE SERIES AMPLIFIERS



The Signature Series range is made up of 5 premium, efficient and powerful amplifiers – monoblock, 4-channel, 5-channel, 6-channel and 8-channel, all designed to take your boating experience to the next level. A 24-volt, 6-channel amplifier is also available for boats operating on 24-volt electrical systems.

Available in:

Monoblock | 4 Channel | 5 Channel | 6 Channel | 24 Volt 6 Channel | 8 Channel

¹Compatible Fusion stereo systems include Apollo RA770, Apollo RA670, Apollo WB670 and MS-RA210

²Requires setup using the Fusion-Link™ app on a compatible smartphone

FUSION® MARINE ENTERTAINMENT

FUSION®
A Garmin Brand

XS SERIES MARINE SPEAKERS



Enjoy high-performance acoustics on the water season after season with the XS Series speakers. Continuing to set the benchmark for marine audio entertainment, these full-range speakers bring you trademark quality audio reproduction from Fusion, enhanced marine aesthetics and RGB LED lighting, all at a midrange price point.

Available in: 4" | 6.5" | 7.7"

FM SERIES MARINE SPEAKERS



The FM Series marine speakers are engineered to deliver quality acoustics to your boat in a sleek and minimalistic aesthetic to meet the latest boat design trends. The FM Series is designed to be flush mounted with a mounting profile no thicker than 2.5mm [3/32"], for a near flat finish.

Available in: 6.5" | 7.7"

EL SERIES SPEAKERS

EL SERIES COMBO



The shallow basket design makes the EL Series ideal for installation where mounting depth is limited. The two grille styles, Classic and Sports, have been specifically designed to provide the ultimate in cone protection while complementing the vessel look. The Sports style speakers feature a multi-colour LED lighting option that allows users to choose from seven different colours to energise the on-board experience, while its translucent injection-moulded polypropylene cone ensures an even and bright LED illumination.

Available in: 6.5"

REMOTE AUDIO CONTROLS

APOLLO™ ERX400 WIRED REMOTE



Sleek, compact and easy to install, the Apollo ERX400 wired remote control adds intuitive and integrated audio control to any zone on board your boat. It features a 2.7" optically bonded colour LCD. And connecting a single proprietary Ethernet cable to an Apollo Series network or individual stereo makes installation a breeze.

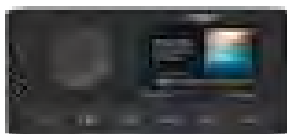
CRGBW WIRELESS REMOTE CONTROL



Enjoy full control of the illumination options and functions of your Fusion CRGBW speakers and subwoofers with the CRGBW wireless remote control. Control the colour using the intuitive colour select wheel and also adjust the brightness, light mode (static or dynamic) and speed with the press of a button.

THE BENCHMARK FOR MARINE ENTERTAINMENT

MS-RA210



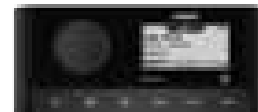
The MS-RA210 is a powerful compact marine stereo featuring Fusion's new-look design aesthetics and DSP for an optimised audio entertainment experience. With a brilliant 2.7" optically bonded, full-colour LCD, Fusion-Link™ control, and IPX6 and IPX7 rated from the front face, the MS-RA210 is a sleek addition to your boat.

MS-RA70 / MS-RA70N / MS-RA70NSX



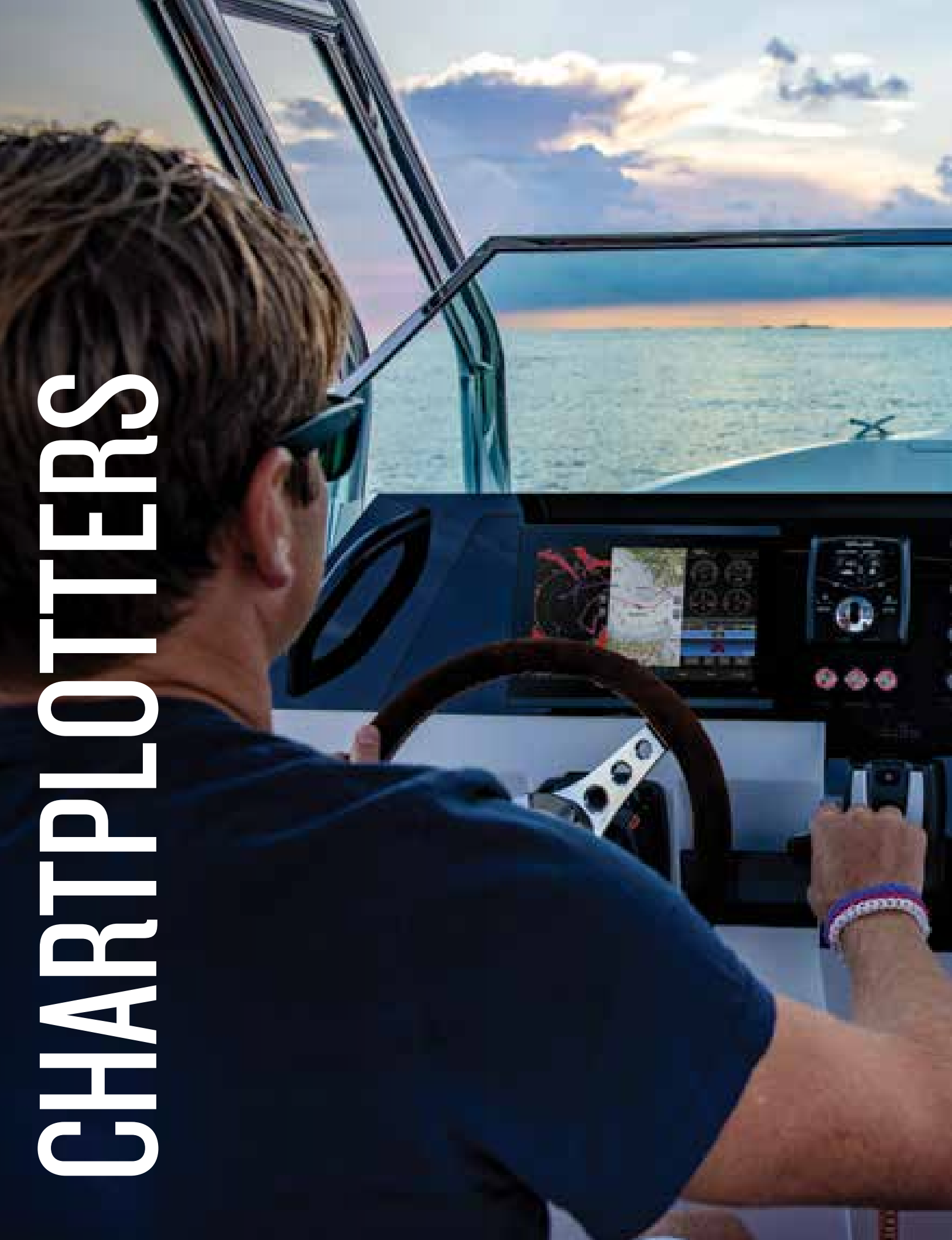
The value-for-money RA70 Series is perfect for delivering quality audio on board, featuring a DIN sized design, BLUETOOTH® wireless technology and ANT® capabilities. Enjoy NMEA 2000® connectivity (MS-RA70N and MS-RA70NSX) and SiriusXM®-ready satellite radio, with advanced features (available only in MS-RA70NSX).

MS-RA60



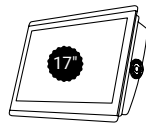
The new MS-RA60 is the most economical marine stereo from Fusion yet, featuring modern aesthetics, Multi-Zone™ technology in two zones and advanced connectivity options in a compact form factor. It features a perimeter bonded, anti-fogging LCD is integrated into the IPX6 and IPX7 water-resistant black front face.

CHARTPLOTTERS





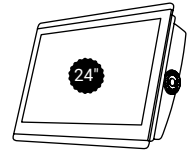
GPSMAP® 8400 MFD SERIES



010-01510-00 | GPSMAP 8417



010-01511-00 | GPSMAP 8422



010-01512-00 | GPSMAP 8424

Large-format multifunction displays feature full HD in-plane switching (IPS) touchscreens that provide consistent, accurate colours from all viewing angles even while wearing polarised sunglasses. GPSMAP 8400 series are compatible with Garmin Navionics+™ and Garmin Navionics Vision+™ cartography.



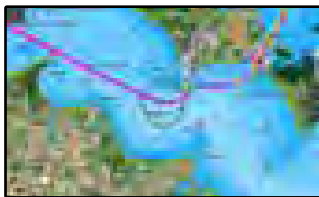
PINCH TO ZOOM TOUCHSCREEN

HIGH RESOLUTION, IPS DISPLAY

HIGH PERFORMANCE PROCESSOR

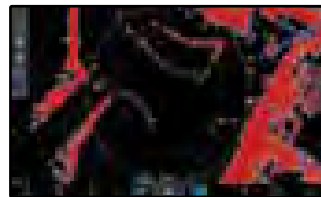
FULLY NETWORKABLE

GARMIN NAVIONICS+ AND GARMIN NAVIONICS VISION+ CARTOGRAPHY



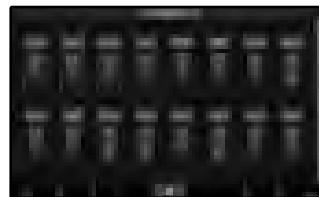
Highly detailed maps and cartography featuring Navionics data and Auto Guidance+ technology¹.

FANTOM RADAR



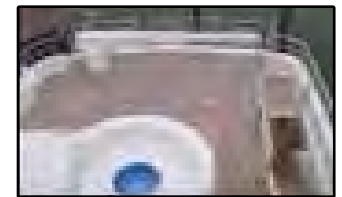
Supports Fantom™ radar with MotionScope™ technology.

DIGITAL SWITCHING SUPPORT



Nearly all your controls are available right at your fingertips.

CAMERA INTEGRATION



Supports camera integration for Garmin marine cameras, selected Axis cameras and FLIR® thermal vision cameras

ADDITIONAL SERIES FEATURES

- SmartMode™ provides one-touch access to docking, cruising, fishing, anchoring and more
- Install multiple displays either flush or flat mounted edge-to-edge
- Supports Garmin black box sonar systems; view multiple sources simultaneously
- Enhanced video processing with up to 4 IP (internet protocol) camera streams at the same time
- Built-in Wi-Fi® pairs with free ActiveCaptain™ app for access to OneChart™ to purchase and download new charts, smart notifications², software updates, Garmin Quickdraw™ Community data and more
- Presets for sonar, radar, cameras, media and digital switching can be independent or incorporated into SmartMode™ station controls
- Built-in Garmin SailAssist™ feature provides data, displays and pre-race guidance needed to gain a competitive edge
- Network compatible connectivity includes Wi-Fi®, ANT® technology, 4-wired Ethernet ports, NMEA 2000, HDMI and USB ports, FUSION-Link integration
- OneHelm and EmpirBus bring full control of all your onboard boat systems, such as digital switching, lighting, propulsion, pumps, air conditioning and infotainment, to your MFD screen

GRID 20 REMOTE INPUT DEVICE

Horizontal: 010-02011-01
Vertical: 010-02011-00

The easy-to-use remote input device provides access and control of your entire Garmin marine system. It features a 360-degree joystick with a rotary knob and push-to-select button for easy chartplotter menu/setting navigation and fine control, even in the worst conditions. You can designate 4 favourite keys to restore your system to a previously saved configuration.

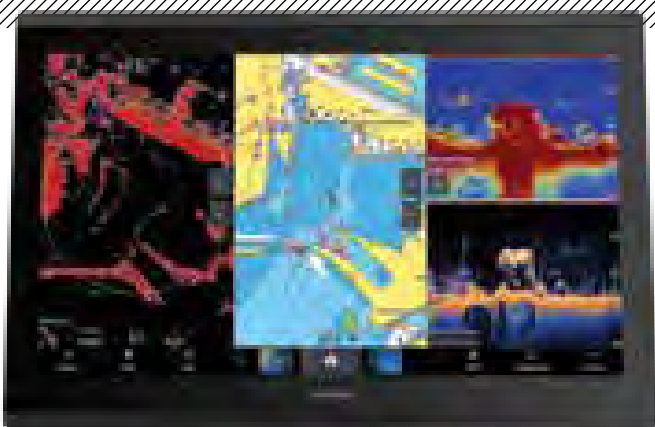


¹Auto Guidance+ is for planning purposes only and does not replace safe navigation operations

²When paired with a compatible smartphone; see Garmin.com/ble

Wi-Fi® is a registered trademark of the Wi-Fi Alliance.

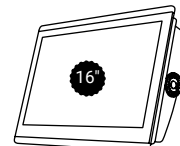
GPSMAP® 8400 CHARTPLOTTER SERIES



010-02091-02 | GPSMAP 8410xsv



010-02092-02 | GPSMAP 8412xsv



010-02093-02 | GPSMAP 8416xsv

Chartplotter and chartplotter/sonar combos featuring full HD in-plane switching (IPS) touchscreen displays for wider viewing angles, superior clarity and sunlight readability, even with polarised sunglasses. GPSMAP 8400 series are compatible with Garmin Navionics+™ and Garmin Navionics Vision+™ cartography.



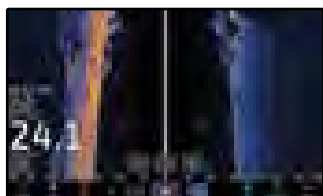
➤ HIGH RESOLUTION, IPS TOUCHSCREEN DISPLAY

..... HIGH PERFORMANCE PROCESSOR

..... FULLY NETWORKABLE

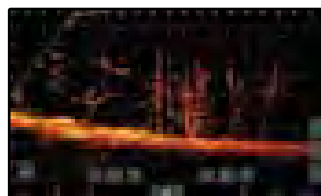
..... XSV MODELS INCLUDE BUILT-IN SUPPORT FOR THE FULL SUITE OF GARMIN SONAR OPTIONS

ULTRA HIGH-DEFINITION SONAR



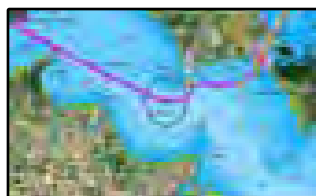
Built-in support for the Ultra High Definition Scanning sonar system, no black box needed.

LIVESCOPE™



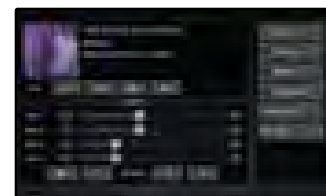
Supports all LiveScope sonar, including the LiveScope Plus and LiveScope XR system.

GARMIN NAVIONICS+ AND GARMIN NAVIONICS VISION+ CARTOGRAPHY



Highly detailed maps and cartography featuring Navionics data and Auto Guidance+ technology¹.

GMR FANTOM RADAR



Supports Fantom™ radar with MotionScope™ technology.

ADDITIONAL SERIES FEATURES

- Full HD IPS touchscreen display for wider viewing angles, superior clarity and sunlight readability even with polarised sunglasses
- Built-in support for the full suite of Garmin sonar capabilities: CHIRP traditional, ClearVü and SideVü scanning sonars, Ultra-High Definition scanning sonar (no black box needed), the LiveScope systems, and the full line of Panoptix sonars (transducers sold separately)
- Adds a stunning appearance with ability to install multiple displays either flat mounted edge-to-edge to create a sleek glass helm look or mounted flush
- Fully NMEA 2000® and Garmin Marine Network capable to easily build your marine system, from sonar, radar and autopilots to instruments, cameras and multimedia
- Bluetooth, ANT, Wi-Fi® connectivity for quatrix 6, VIRB 360, gWind Wireless 2 and more
- OneHelm™ and EmpirBus bring full control of all your onboard boat systems, such as digital switching, lighting, propulsion, pumps, air conditioning and infotainment, to your MFD screen
- SmartMode™ station controls enable presets for one-touch access to docking, cruising, fishing, anchoring and more
- Built-in SailAssist provides data, displays and pre-race guidance needed to gain a competitive edge
- Use built-in Wi-Fi® to pair with the free ActiveCaptain™ app for access to OneChart™, smart notifications², Garmin Quickdraw™ Community data and more
- Watch your favourite entertainment while on the water! Connect HDMI and composite video for full integration with your PC or phone

¹Auto Guidance+ is for planning purposes only and does not replace safe navigation operations

²When paired with a compatible smartphone; see Garmin.com/bles

Wi-Fi® is a registered trademark of the Wi-Fi Alliance.

GPSMAP® X3 SERIES



010-02365-62 | GPSMAP 753xsv



010-02366-62 | GPSMAP 953xsv



010-02367-62 | GPSMAP 1253xsv

Boasting more pixels and processing power than previous-generation GPSMAP devices, these fast, responsive touchscreen units offer seamless network integration and support for traditional and scanning sonar capabilities¹, J1939 engine connectivity, OneHelm™ digital switching and more. GPSMAP x3 series is preloaded with Garmin Navionics+ AU/NZ Charts.

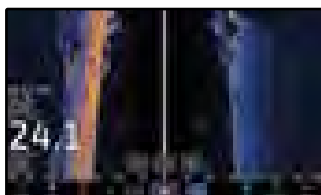
➤ J1939 ENGINE CONNECTIVITY

ONEHELM™ DIGITAL SWITCHING CAPABILITIES

PRELOADED WITH GARMIN NAVIONICS+ AU/NZ CHARTS

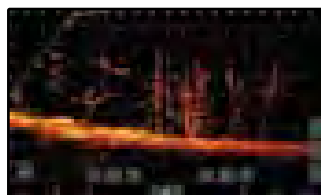
XSV MODELS INCLUDE BUILT-IN SUPPORT FOR THE FULL SUITE OF GARMIN SONAR OPTIONS

ULTRA HIGH-DEFINITION SONAR



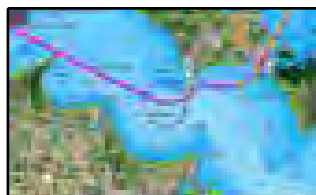
Offers built-in support for the Ultra High-Definition scanning sonar system; no black box needed.

LIVESCOPE™



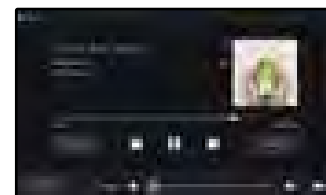
Supports all LiveScope sonar, including the LiveScope Plus and LiveScope XR system.

GARMIN NAVIONICS+ AND GARMIN NAVIONICS VISION+ CARTOGRAPHY



Highly detailed maps and cartography featuring Navionics® data and Auto Guidance+ technology².

NMEA 2000® AND NMEA 0183 NETWORKS



Connect to autopilots, digital switching, weather, your Fusion-Link™ audio system, media, VHF, AIS and more from one screen.

ADDITIONAL SERIES FEATURES

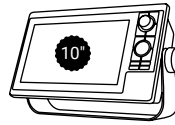
- Bright, easy-to-use, sunlight-readable displays have more pixels than previous-generation GPSMAP touchscreens for ultra-sharp visibility from any angle
- Slimline display borders, edge-to-edge glass and reduced unit footprint make for easy retrofit in a wider range of dash configurations
- Easily build your marine system – from compatible sonar and autopilots to compatible radar, cameras and multimedia – using NMEA 2000® and NMEA 0183 network connectivity and the Garmin Marine Network
- Use the exclusive OneHelm™ feature to connect to many third-party devices for full control of your boat on your chartplotter screen
- Use built-in Wi-Fi® networking to pair with the free ActiveCaptain® app³ for access to OneChart™, smart notifications, software updates and more
- Integrated ANT® technology support for use with your compatible quatrix® marine smartwatches, gWind™ Wireless 2 transducer, GNX™ Wind marine instrument and wireless remote controls
- Built-in Garmin SailAssist™ features, including laylines, race features, set and drift, wind data and more
- Compatible with Force™ trolling motor for full control of the motor from the chartplotter screen, plus the ability to route to waypoints, follow tracks and more

¹Transducers sold separately

²Auto Guidance+ is for planning purposes only and does not replace safe navigation operations

³When paired with a compatible device; see Garmin.com/ble

GPSMAP® 1022/1222 SERIES



010-01740-02 | GPSMAP 1022xsv



010-01741-02 | GPSMAP 1222xsv

All-in-one networking chartplotter/sonar combos with large, bright screen coupled with a quick and easy-to-use keypad interface with user-programmable keys and a multifunction control knob. Built-in single channel CHIRP sonar, CHIRP ClearVü and CHIRP SideVü scanning sonar and LiveScope™ support. GPSMAP 1022/1222 series are compatible with Garmin Navionics+™ and Garmin Navionics Vision+™ cartography.



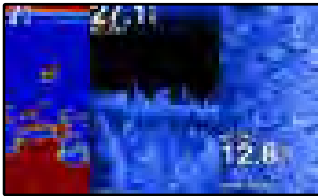
KEYED INTERFACE WITH MULTIFUNCTION CONTROL KNOB

FULLY NETWORKABLE

XSV MODELS INCLUDE BUILT-IN CHIRP TRADITIONAL, CLEARVÜ AND SIDEVÜ SCANNING SONAR

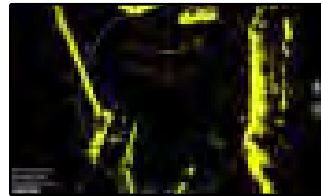


BUILT-IN SONAR



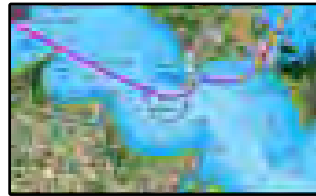
All feature incredibly clear CHIRP Traditional sonar.

FANTOM RADAR



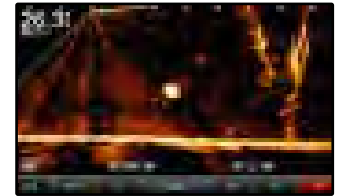
Supports Fantom™ radar with MotionScope™ technology.

GARMIN NAVIONICS+ AND GARMIN NAVIONICS VISION+ CARTOGRAPHY



Highly detailed maps and cartography featuring Navionics data and Auto Guidance+ technology¹.

LIVESCOPE



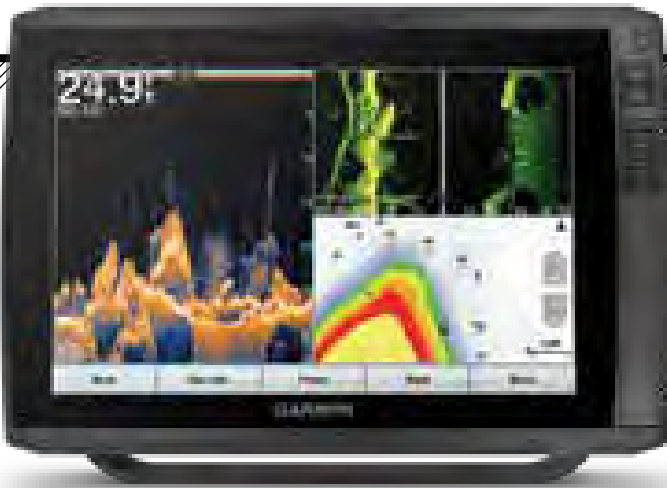
Supports all LiveScope sonar, including the LiveScope Plus and LiveScope XR system.

ADDITIONAL SERIES FEATURES

- Features a bright screen coupled with a quick and easy-to-use keypad interface with user-programmable keys and a multifunction control knob
- Built-in Garmin single-channel CHIRP traditional sonar, 1 kW CHIRP ClearVü and CHIRP SideVü scanning sonar (xsv models)
- Support all compatible Garmin sonar options plus black box sonar systems; view multiple sources simultaneously
- Force Trolling Motor Compatible
- Network compatible connectivity includes Wi-Fi®, ANT® technology, Ethernet ports, NMEA 2000, HDMI and USB ports, FUSION-Link integration
- Built-in Garmin SailAssist™ feature provides data, displays and prerace guidance needed to gain a competitive edge
- ActiveCaptain® application support

¹Auto Guidance+ is for planning purposes only and does not replace safe navigation operations.

ECHOMAP ULTRA SERIES



010-02526-70 | ECHOMAP Ultra 105sv w/ GT56



010-02528-70 | ECHOMAP Ultra 125sv w/ GT56

All the fishing tools are built-in. Chartplotter/sonar combos with keyed-assist touchscreen displays. Built-in CHIRP traditional and Ultra High-Definition ClearVü and SideVü scanning sonar¹. Supports our full line of LiveScope sonars. Preloaded with Garmin Navionics + AU/NZ Charts.



KEYED-ASSIST
TOUCHSCREEN DISPLAY

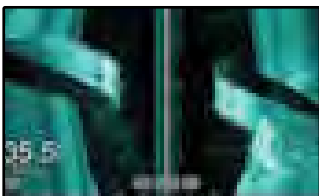
BUILT-IN CHIRP TRADITIONAL AND
ULTRA HIGH-DEFINITION, CLEARVÜ
AND SIDEVÜ SCANNING SONAR

COMPATIBLE WITH GARMIN NAVIONICS+ AND
GARMIN NAVIONICS VISION+ CARTOGRAPHY, BOTH
FEATURING NAVIONICS DATA AND AUTO GUIDANCE+

SHARE SONAR, CHARTS,
WAYPOINTS AND ROUTES³



ULTRA HIGH-DEFINITION SONAR



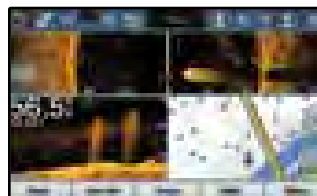
Built-in support for the Ultra High-Definition scanning sonar system, no black box needed.

LIVESCOPE™



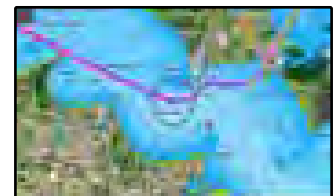
Supports all LiveScope sonar, including the LiveScope Plus and LiveScope XR system.

FORCE™ TROLLING MOTOR COMPATIBLE



Get full control of the motor from the screen, plus the ability to route to waypoints, follow tracks and more.

GARMIN NAVIONICS+ AND GARMIN NAVIONICS VISION+ CARTOGRAPHY



Highly detailed maps and cartography featuring Navionics® data.

ADDITIONAL SERIES FEATURES

- Built-in Quickdraw Contours mapping software instantly creates personalised fishing maps on-screen with 1' contours as you fish
- Built-in Wi-Fi® connectivity pairs with free ActiveCaptain® app for access to OneChart™ to purchase and download new charts; also receive smart notifications: software updates, Garmin Quickdraw™ Community data and more
- Network capable with NMEA 2000® connectivity and support for heading sensors, autopilots, digital switching and FUSION-Link™ audio system and more
- Quick-disconnect bail mount

¹Available with or without included transducer

²Auto Guidance+ is for planning purposes only and does not replace safe navigation operations

³With other ECHOMAP Ultra 10" & 12" units, and ECHOMAP UHD2 SV series
Wi-Fi is a registered trademark of the Wi-Fi Alliance

ECHOMAP™ UHD2 CV SERIES



010-02592-70 | ECHOMAP UHD2 55cv, WW w/o xdcr



010-02596-20 | ECHOMAP UHD2 75cv, WW w/o xdcr

Fish like a local with these easy-to-use 5" and 7" keyed chartplotter/sonar combos. Get clear, high-contrast views below your boat with Garmin traditional and ClearVü scanning sonars¹. Know the waters you're in with Inbuilt Garmin Navionics + AU/NZ Charts



BRIGHT, SUNLIGHT-READABLE DISPLAY

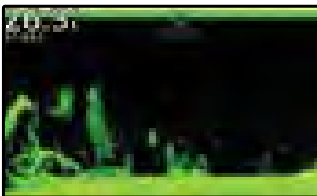
BUILT-IN CHIRP TRADITIONAL AND CLEARVÜ SCANNING SONAR

COMPATIBLE WITH GARMIN NAVIONICS+ AND GARMIN NAVIONICS VISION+ CARTOGRAPHY, BOTH FEATURING NAVIONICS DATA AND AUTO GUIDANCE+

SHARE SONAR, WAYPOINTS AND ROUTES WITH OTHER ECHOMAP DEVICES

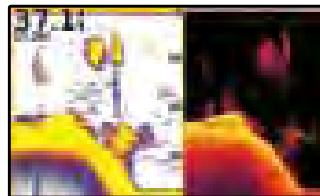


SONAR SUPPORT



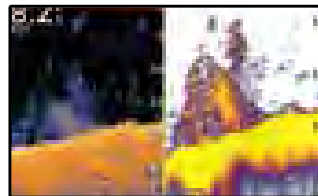
With crisp, clear traditional sonar and brilliant ClearVü sonar, the fish will have nowhere to hide.

VIVID COLOUR PALETTES



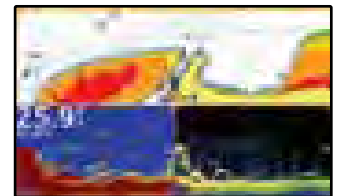
High-contrast vivid scanning sonar colour palettes make it easier than ever to distinguish targets and structure.

BUNDLE YOUR TRANSDUCER



Your ECHOMAP UHD2 device supports a variety of Garmin transducers for two types of sonar: Garmin traditional and ClearVü scanning sonar.

WIRELESS NETWORKING



If you have another compatible ECHOMAP UHD2 chartplotter on your boat, the models can wirelessly share information such as sonar, waypoints and routes – with them.

ADDITIONAL SERIES FEATURES

- Use built-in Wi-Fi® networking to pair with the free ActiveCaptain® app for access to OneChart™, smart notifications, software updates and more²
- Support for Garmin Navionics+ and Garmin Navionics Vision+ marine cartography

¹Transducer required (sold separately)

ECHOMAP™ UHD2 SV SERIES



010-02682-20 | ECHOMAP UHD2 65sv, w/GT54 xdcr



010-02686-20 | ECHOMAP UHD2 75sv, w/GT54 xdcr



010-02690-20 | ECHOMAP UHD2 95sv, w/GT56 xdcr

These 6", 7" and 9" touchscreen chartplotter/sonar combos with keyed assist include or support transducers for Ultra High Definition ClearVü and SideVü scanning sonar plus Garmin CHIRP traditional sonar. They're inbuilt with LiveScope™ live scanning sonar, and preloaded with Garmin Navionics+ AU/NZ Charts.

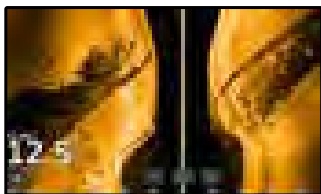
BUILT-IN CHIRP TRADITIONAL AND ULTRA HIGH-DEFINITION CLEARVÜ AND SIDEVÜ SCANNING SONAR

WIRELESSLY SHARE SONAR, WAYPOINTS, MAPS, AND ROUTES WITH ANOTHER UHD2 CHARTPLOTTER

NMEA 2000® AND NMEA 0183 NETWORK SUPPORT FOR AUTOPILOT AND ENGINE DATA

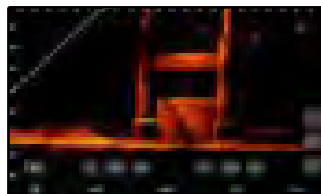
COMPATIBLE WITH GARMIN NAVIONICS+ AND GARMIN NAVIONICS VISION+ CARTOGRAPHY¹

ULTRA HIGH-DEFINITION SONAR



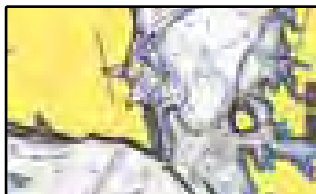
Built-in support for the Ultra High-Definition scanning sonar system, no black box needed.

LIVESCOPE™



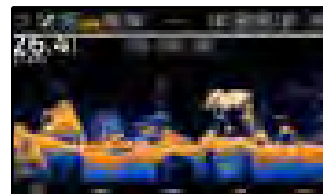
Features built-in support for LiveScope system sonar and the full line of live sonar products (optional transducers sold separately).

GARMIN NAVIONICS+ AND GARMIN NAVIONICS VISION+ CARTOGRAPHY



Highly detailed maps and cartography featuring Navionics® data.

FORCE™ TROLLING MOTOR COMPATIBLE



Get full control of the motor from the screen, plus the ability to route to waypoints, follow tracks and more.

ADDITIONAL SERIES FEATURES

- Quick-release bail mount for fast and easy mobility
- Built-in Wi-Fi® connectivity pairs with the free all-in-one mobile app on your compatible smartphone for access to the OneChart™ feature, smart notifications, software updates, Garmin Quickdraw™ Community data and more
- Your ECHOMAP UHD2 device supports a variety of Garmin transducers. The 6" and 7" chartplotters come bundled with a GT54 transducer – while the 9" chartplotter comes with a GT56 transducer
- High-contrast vivid scanning sonar colour palettes make it easier than ever to distinguish targets and structure
- With crisp, clear traditional sonar and brilliant ClearVü and SideVü scanning sonars, the fish will have nowhere to hide. Your ECHOMAP UHD2 also supports LiveScope™ live-scanning sonar

¹Auto Guidance is for planning purposes only and does not replace safe navigation operations

ECHOMAP® PLUS 45CV



010-01887-20 | ECHOMAP Plus 45cv, w/xdcr

This compact combo has lots of built-in benefits. Easy-to-install and even easier to use, it has a bright 4.3" display that is easy to read on a sunny day on the water. It features built-in support for Garmin CHIRP traditional sonar that delivers remarkable target separation and CHIRP ClearVü™ scanning sonar for nearly photographic images of what's below the boat. Preloaded with Garmin Bluechart G3 AU/NZ.



SUNLIGHT-READABLE DISPLAY

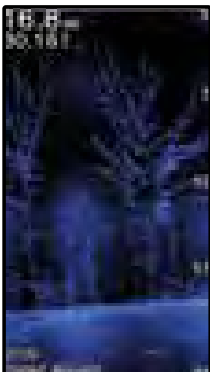
BUILT-IN CHIRP TRADITIONAL AND CLEARVÜ SCANNING SONAR

COMPATIBLE WITH BLUECHART G3 AND BLUECHART G3 VISION

BUILT-IN QUICKDRAW CONTOURS



BUILT-IN SONAR



All feature incredibly real CHIRP traditional and scanning sonar.

QUICKDRAW CONTOURS MAPPING



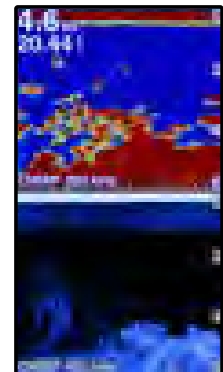
Create and store maps as you fish with 1' contours for up to 2 million acres.

BLUECHART G3 CHARTS



Highly detailed coastal charts featuring Navionics data.

COMBO SCREEN



View both traditional CHIRP and CHIRP ClearVü at the same time.

ADDITIONAL SERIES FEATURES

- Bright, sunlight-readable 4.3" combo
- Built-in support for Garmin CHIRP traditional sonar plus CHIRP ClearVü™ scanning sonar (transducer sold separately)
- Preloaded worldwide basemap; compatible with BlueChart® g3 and premium BlueChart® g3 Vision coastal charts with integrated Navionics® data and Auto Guidance¹ technology
- Built-in Quickdraw Contours mapping software instantly creates personalised fishing maps on-screen with 1' contours as you fish
- Share waypoints and routes with other ECHOMAP™ or STRIKER™ units

¹Auto Guidance is for planning purposes only and does not replace safe navigation operations

TROLLING MOTORS





FORCE™ TROLLING MOTOR SERIES

Move your fishing to a higher level with force. The Force trolling motor is the most powerful and most efficient 57" freshwater trolling motor available¹. Wireless chartplotter connectivity provides navigation, autopilot and anchor lock features. Use the precise anchor lock to hold your boat in the same location while you fish. Force includes a convenient wireless foot pedal that provides instant control and responsiveness yet feels and steers like a cable-steered pedal. See more fish and structure clearly with integrated Ultra High-Definition scanning sonar. It also includes a handheld remote control with a built-in sunlight-readable display. The remote gives you complete control of the trolling motor and simple point-and-go gesture steering.

You get the best of all three. The powerful Force trolling motor has the power to move you from spot to spot more quickly and stand up better to winds and currents. Even with all that power, it is also the most efficient trolling motor available so you can count on it to fish all day. And it is still whisper quiet. Its high-efficiency brushless motor operates at either 36 V or 24 V. When running at 24 V, it delivers comparable thrust to our competitors' 36 V motors. The most powerful, most efficient and quiet trolling motor – it's everything you could want in a trolling motor.

Force Trolling Motor 50" - Part no. 010-02024-00

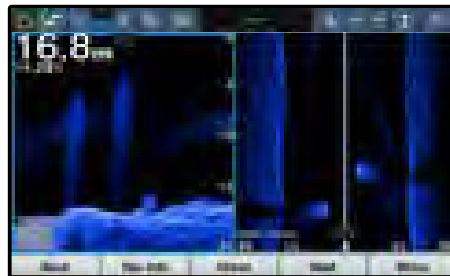
Force Trolling Motor 57" - Part no. 010-02025-00



CHARTPLOTTER INTEGRATION



Simple integration with your Garmin chartplotter via a wireless connection makes using the built-in autopilot easy. Create routes to your favourite waypoint, and follow tracks while you fish.



The Force trolling motor comes with an integrated transducer with CHIRP traditional and Ultra High-Definition ClearVü and SideVü scanning sonars with imperceptible sonar noise interference.

ADDITIONAL SERIES FEATURES

- Includes the power you need to counter winds and currents with the efficiency to fish all day
- Wireless chartplotter integration and built-in autopilot get you to fish, along with anchor lock to stay on them
- Wireless foot pedal provides instant control and responsiveness; feels and steers like a cable-steered pedal
- Includes integrated CHIRP traditional and Ultra High-Definition ClearVü and SideVü scanning sonars with imperceptible sonar noise interference
- Floating remote control gives you full control of the trolling motor and simple point-and-go gesture steering

¹In compliance with ISO standard 13342



WIRELESS FOOT PEDAL

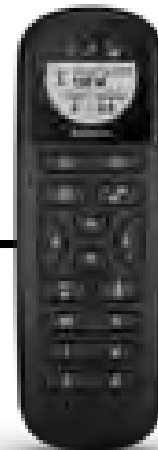
Part no. : 010-12834-00

Enjoy the convenience of a wireless foot pedal. It provides instant control and responsiveness yet feels and steers just like a cable-steered pedal. It operates wirelessly using AA batteries, or — if you prefer — it can be hardwire installed.

REMOTE CONTROL

Part no. : 010-12833-00

The included handheld remote control with a sunlight-readable, transreflective display offers total control of the trolling motor from anywhere on your boat along with unique point-and-go gesture steering capabilities. There are also user-programmable keys on the remote, which you can use for control of your chartplotter. No need to worry if the remote takes a trip overboard, because it's water-resistant, and it floats.

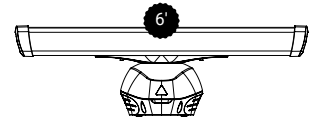
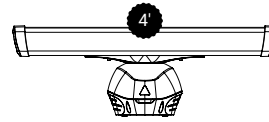




RADAR



GMR™ XHD2 RADARS



GMR xHD2 open-array radars are designed for serious seafarers of larger yachts and sport fishing boats. Designed for easy installation and use, there are no complex user settings to fuss around with. Just install it and start using. GMR xHD2 radars provide reliable, optimum performance in all conditions.

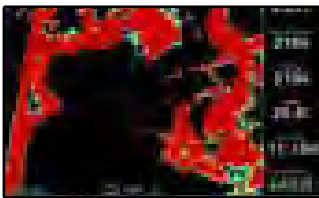
POWER TO DELIVER EXCELLENT TARGET SEPARATION AND AMAZING IMAGE CLARITY

PULSE EXPANSION MAXIMISES ENERGY ON TARGET

AUTO BIRD GAIN HELPS LOCATE FLOCKS OF BIRDS AND HELPS SIGNAL THE LOCATION OF BIG GAME FISH

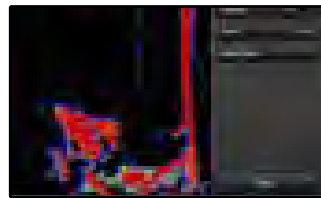
OVERLAY RADAR ONTO CHART SCREEN AS A SINGLE DISPLAY OR SPLIT SCREEN WITH INDEPENDENT RANGE SETTINGS

PULSE EXPANSION



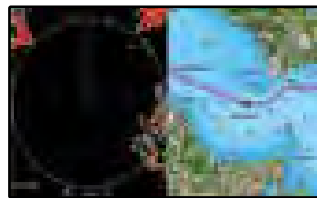
Pulse Expansion maximises energy on targets to provide a larger target size on the chartplotter.

ECHO TRAILS



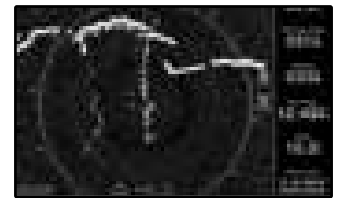
Echo Trails leave a historical "trail" on the screen to help you quickly identify moving targets.

DUAL RANGE WITH OVERLAY



Dual range overlays show close and long range split screen images at the same time.

AUTO BIRD GAIN



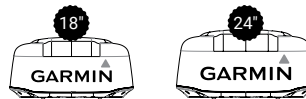
Auto Bird Gain helps locate flocks of birds at the water's surface where baitfish are also likely to be found.

THE LINEUP

	GMR 424 XHD2 K10-00012-08	GMR 1224 XHD2 K10-00012-11	GMR 1226 XHD2 K10-00012-12	GMR 2526 XHD2 K10-00012-16
4' open array with pedestal	•	•		
6' open array with pedestal				•
Transmit Power	4 kW	12 kW	12 kW	25 kW
Dynamic Auto Gain and Sea Filter Settings	•	•	•	•
Target Size Adjustment	•	•	•	•
MARPA Target Tracking ¹	•	•	•	•
Dual Radar Support	•	•	•	•
Guard Zone	•	•	•	•
Dual Range	•	•	•	•
Power Consumption	65 W typical	90 W typical	90 W typical	100 W typical
RPM	24/48	24/48	24/48	24/48
Beam Width	1.8° horizontal, 23° vertical	1.8° horizontal, 23° vertical	1.1° horizontal, 23° vertical	1.1° horizontal, 23° vertical
Minimum Range	20 metres	20 metres	20 metres	20 metres
Maximum Range	72 nm	72 nm	72 nm	96 nm

¹Requires heading sensor, sold separately

GMR™ XHD DOME RADARS



Our 4 kw high-definition GMR xHD dome radars pair ease of use with advanced open-array features. Dual range operation allows fully independent split-screen display of far and close radar views. They're intuitive operation makes modes and settings simple to understand so you can enjoy great performance without a lot of technical know-how.

» 4 KW HIGH-DEFINITION 18" OR 24" DOME RADAR

 48 OR 24 RPM ROTATION SPEEDS

 48 NM MAX RANGE SETTING

 DUAL RANGE OPERATION
 «

9-AXIS HEADING SENSOR

Part no: 010-11417-20



Our premium solution for exceptional heading accuracy allows for MARPA tracking and improves radar overlay experience.

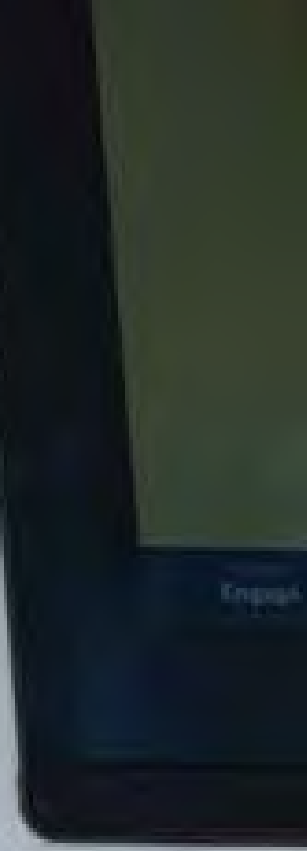
With heading output at 10 Hz and accuracy of plus or minus 2 degrees, it ensures your chart orientation and boat heading line match up with reality, even at lower speeds. Your heading information will remain accurate, even in rough sea conditions where your bow is pitching and rolling or — in sailboat applications — when heeled over.

The 9-axis MEMS technology allows installation in nearly any orientation located away from magnetic interference. Built to withstand bilge environments.

THE LINEUP

	GMR 24 XHD 010-00960-00	GMR 18 XHD 010-00959-00	GMR 18HD+ 010-01719-00
4 kW Transmit Power	•	•	•
Dual Range	•	•	•
Radar Overlay Support	•	•	•
Power Consumption	30 W typical, 48 W max	30 W typical, 48 W max	18.1-24.4 W transmit
Power Input	11-35 V DC	11-35 V DC	11-35 V DC
RPM	24/48	24/48	24
Beam Width	3.7° horizontal, 25° vertical	5.2° horizontal, 25° vertical	5.2° horizontal, 25° vertical
Minimum Range	20 metres	20 metres	20 metres
Maximum Range	48 nm	48 nm	36 nm

COMMUNICATIONS





Home

GARMIN

GARMIN

HOME HOLD CLEAR MENU

NAV. POWER WAKE LIGHT BILGE PUMP 1 BILGE PUMP 2 BILGE LIGHT LIVELINE 1

VHF AND AIS

CORTEX® V1 VHF MARINE RADIO

Part no: 010-02814-20



A revolution in marine communication that will change your VHF experience forever. An intuitive touchscreen handset engineered for durability, with powerful clear audio and the benefits of integrated AIS and remote monitoring. Add additional Cortex handsets for even greater control.

VHF 315i MARINE RADIO

Part no: 010-02047-01



The 25-watt VHF 315i marine radio with Class D DSC is a modular communication solution. It includes a GHS™ 11i handset and new active speaker to use as an intercom between up to 3 stations. It's easy to use and integrates seamlessly into the Garmin onboard system.

VHF 215i AIS MARINE RADIO

Part no: 010-02098-01



Marine radio with built in GPS. Displays Automatic Identification System (AIS) on the chartplotter and during an emergency situation, the 25 W transmit power of the VHF 215i AIS gives all fishermen, sailors and cruisers confidence at their fingertips.

VHF 215i MARINE RADIO

Part no: 010-02097-01



The 25-watt marine radio with built in GPS with Class D DSC is a modular communication solution. Compatible with the GHS™ 11i second-station handset and preprogrammed with international marine channel. It's easy to use and integrates seamlessly into the Garmin onboard system.

VHF 115i MARINE RADIO

Part no: 010-02096-01



Communication is critical on the water. With the VHF 115i radio with built in GPS can you stay in contact with the shore and other boats in your area. So, no matter where you are or where you're headed, you'll maintain communication.

GHS™ 11i WIRED VHF HANDSET

Part no: 010-01759-01



Allows full function of your VHF 215i or VHF 315i radio from a remote location. Simple design includes soft keys, a 2" diagonal dot matrix display and coiled cable that stretches from about 1' to nearly 5'. Rotary/push knob for volume, squelch and channel selection and a dedicated button for access to channels 16/9.

THE LINEUP

	VHF 115i	VHF 215i	VHF 215i AIS	VHF 315i	Cortex V1
Transmit Power	25 W	25 W	25 W	25 W	25 W
Built-in GPS	•	•	•	• ¹	• ¹
NMEA 2000®	•	•	•	•	•
NMEA 0183	•	•	•	•	•
Digital Selective Calling	Class D	Class D	Class D	Class D	Class D
International Frequency Band	•	•	•	•	•
10 NOAA Weather Channels	•	•	•	•	•
Hailer horn	•	•	•	•	•
Supports GHS 11i	•	•	•	•	•

¹VHF 315i and Cortex V1 has internal GPS but requires external antenna.

AIS TRANSCEIVERS

CORTEX[®] M1 SMARTAIS

Part no: 010-02815-20



A full Class B SOTDMA smartAIS[®], the Cortex M1 hub proactively alerts you of potential collisions, anchor drag and man overboard situations. Send and receive capability, monitor and control on board systems and keep alerted onboard or ashore from your compatible smartphone. Access remote vessel monitoring and control. Anchor watch alerts you if your anchor drags or if there is a change in wind speed, direction or water depth. Uses a single antenna with built-in splitter. Connect up to 5 sensors directly or network to NMEA 2000[®] to monitor sensors remotely. It's VHF ready, simply add a Cortex handset for full VHF functionality.

AIS[™] 800

Part no: 010-02087-00

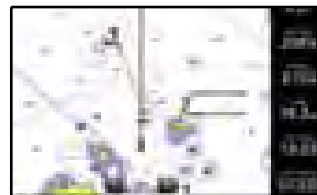


Easy to use, the AIS 800 black box transceiver with built-in GPS provides reliable communication and transmits your vessel information to other AIS receivers in your area while receiving AIS target data. With 5 watts of transmit power with Class B/SQ, it provides faster positioning reporting than ever before¹.

Garmin AIS 800 has an internal VHF antenna splitter, which allows the VHF and AIS to share a single antenna. It includes a built-in GPS (with connector for optional external antenna) and integrates seamlessly into the Garmin onboard system. The transceiver features NMEA 2000/0183[®] connectivity for easy integration with compatible chartplotters and multifunction displays.



COLLISION WARNINGS



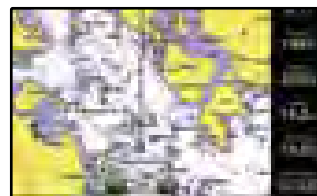
Risks are clearly indicated, which greatly minimises the risk of collision.

IDENTIFICATION



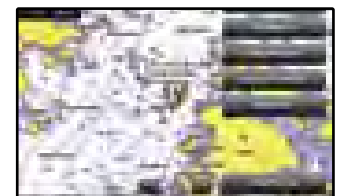
Sends detailed vessel data, allowing easy identification.

CLEAR OVERVIEW



Shows you the surroundings and the vessels around your boat.

SOCIAL SEAMANSHIP



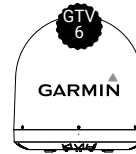
Spot your friends quickly and enjoy direct ship-to-ship communication.

¹When cruising above 14 knots.



ABSOLUTE 60FLY - Photos by Alberto Cocchi

SATELLITE TV DOME POWERED BY KVH®



Our GTV5 and GTV6 satellite TV antenna, powered by KVH and available as part of a Garmin bridge package, offers outstanding high performance tracking, reception and circular and linear Ku-band services worldwide.



POWERED BY KVH

SATELLITE TV ANTENNA

WITH 30% GREATER RECEPTION THAN
OTHER SYSTEMS

SUPPORTS MULTIPLE RECEIVER
INSTALLATIONS

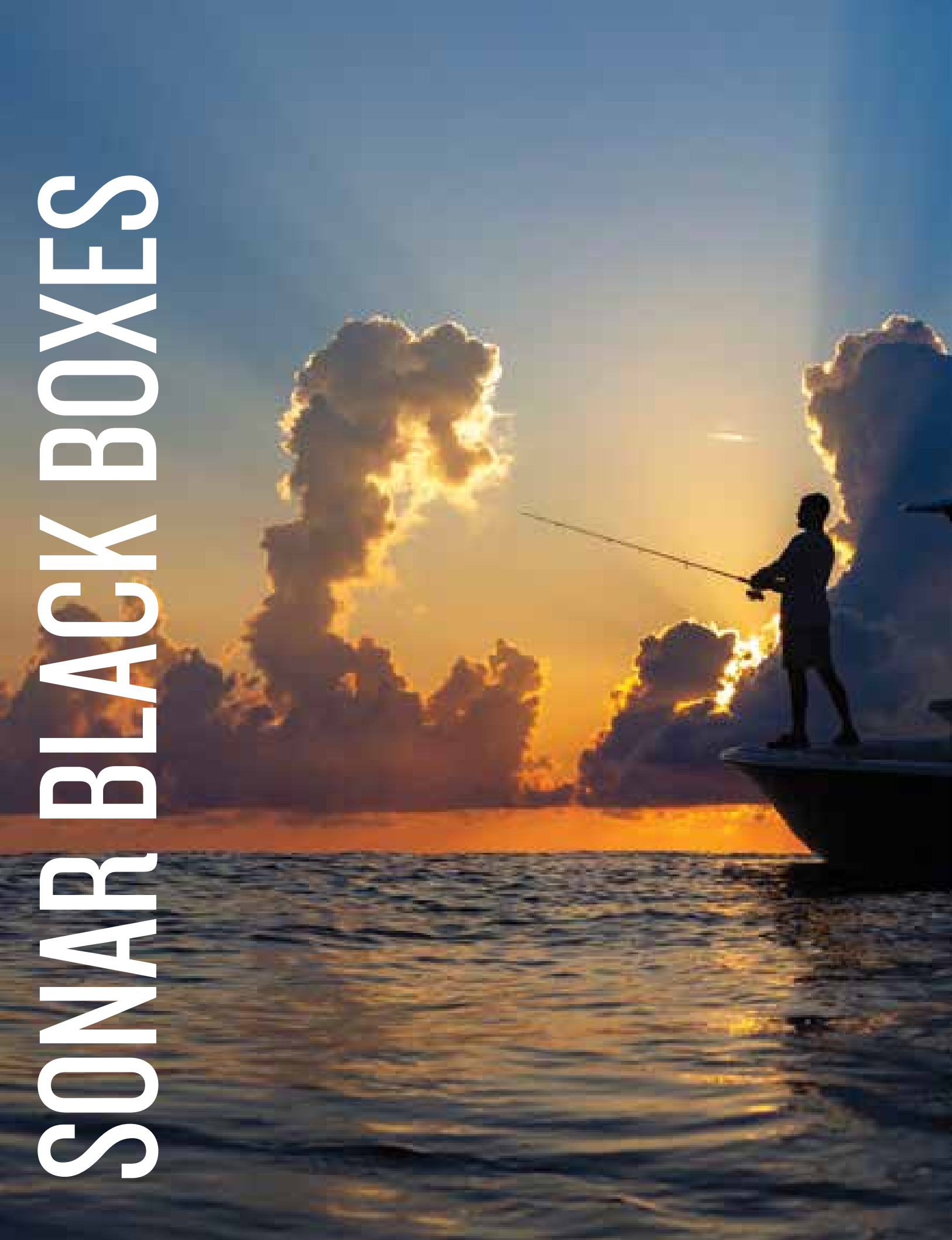


ADDITIONAL SERIES FEATURES

- GTV6 Satellite TV Dome Ultra high-efficiency, 24" (60 cm) diameter antenna features proprietary KVH® RingFire™ technology for stronger signals, wider geographic coverage and better reception
- 18" (45 cm) diameter GTV5 Satellite TV Dome features proprietary KVH® RingFire™ technology for stronger signals, wider geographic coverage and better reception
- Supports multiple receiver installations
- Low elevation angle for better tracking in northern latitudes
- Linear Universal Quad LNB configuration offers optional built-in GPS and autoskew
- The TV-Hub, a streamlined IP-enabled antenna control unit, enables automatic satellite switching
- User-friendly interface provides a wizard for easy installation and setup as well as system information at your fingertips from any smartphone, tablet, smart TV or computer



SONAR BLACK BOXES





SONAR BLACK BOXES

GSD 26

Part no: 010-00958-00



The GSD 26 professional CHIRP sonar module is serious sportfishing technology that takes clear, concise target separation to far greater depths than traditional sonar.

GSD 25

Part no: 010-01159-00



The GSD 25 premium 1 kW CHIRP traditional sonar module is a remote network solution that provides outstanding fish-finding and bottom tracking capabilities with CHIRP ClearVü and CHIRP SideVü scanning sonar.

GSD 24

Part no: 010-00957-00



With up to 2,000 Watts of transmit power and a high-dynamic range receiver, the GSD 24 brings high-definition, dual-frequency imaging to your compatible Garmin chartplotter.

GCV™ 20

Part no: GCV 20: 010-02055-10, GCV 20 w/ xdcr GT34UHD: 010-02055-00



The Garmin GCV 20 Ultra High-Definition black box sonar adds both SideVü and ClearVü with CHIRP scanning sonar technology to your compatible Garmin chartplotter.

THE LINEUP

	GSD 26	GSD 25	GSD 24	GCV 20
Garmin Marine Network Ports	1	1	1	3
Frequencies Supported	25-210 kHz (dependent on transducer)	Traditional: 50/200, 77/200, 83/200 Single Channel CHIRP: 40-250 Dual Channel CHIRP: 40-250 SideVü/ClearVü: CHIRP 455/800 and CHIRP 260/455 (dependent on transducer)	50/200 kHz	Ultra High-Definition ClearVü: 0.8 MHz (800 kHz), CHIRP range: 760-880 kHz Ultra High-Definition SideVü: 1.2 MHz (1,200 kHz), CHIRP range: 1,060-1,170 kHz
Transmit Power	25-3,000 W rms	1 kW	25-2,000 W rms	500 W rms
ClearVü/SideVü		•		•
Max Depth	10,000 ft (3,048 m)	5,000 ft. (1,524 m)	5,000 ft. (1,524 m)	200' Ultra High-Definition ClearVü 125' to each side Ultra High-Definition SideVü, 250' total, at a maximum depth of 30'
Traditional CHIRP capable	•	•		
Power Input	10-35 V	10-35 V	10-35 V	10-35 V
Power Usage	100 W maximum	27 W maximum	40 W maximum	10.5 W maximum
Compass-safe distance	23.6 in. (60 cm)	11.8 in. (30 cm)	15.75 in. (40 cm)	10.2 in. (26 cm)





FISHFINDERS

STRIKER™ VIVID SERIES



010-02550-01 | STRIKER Vivid 4cv w/GT20



010-02551-01 | STRIKER Vivid 5cv w/GT20



010-02552-01 | STRIKER Vivid 7cv w/GT20
010-02553-01 | STRIKER Vivid 7sv w/GT52



010-02554-01 | STRIKER Vivid 9sv w/GT52

See fish and structure in colourful detail with the easy-to-use STRIKER™ Vivid Series fishfinders. Available in screen sizes ranging from 4" to 9", these devices feature high-contrast colour palettes with support for traditional and scanning sonar capabilities to make it easier to see what's beneath the surface. Built-in high sensitivity GPS lets you mark your favourite fishing spots and easily navigate back to them.

FEATURED — STRIKER PLUS 7SV



BRIGHT, SUNLIGHT-READABLE SCREEN WITH VIVID SCANNING SONAR COLOUR PALETTES

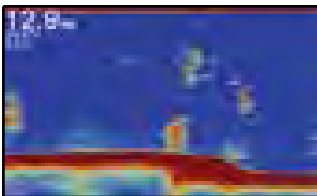
AVAILABLE WITH TRANSDUCER FOR CHIRP TRADITIONAL, CLEARVÜ AND SIDEVÜ SCANNING SONAR

BUILT-IN GPS LETS YOU MARK WAYPOINTS, CREATE ROUTES AND VIEW BOAT'S SPEED

INCLUDES BUILT-IN QUICKDRAW CONTOURS MAPPING



CHIRP TRADITIONAL



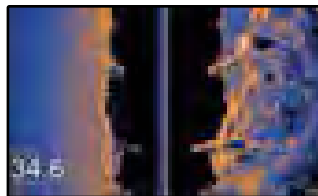
Crisp, clear CHIRP traditional sonar.

CLEARVÜ SCANNING SONAR



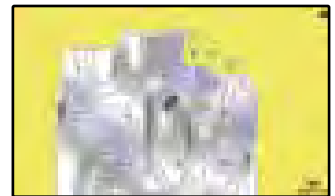
See images of what's under your boat.

SIDEVÜ SCANNING SONAR



Get incredibly clear images of what's off to either side of your boat.

QUICKDRAW CONTOURS MAPPING



Create and store maps as you fish with 1' contours for up to 2 million acres.

THE LINEUP

	STRIKER 4	STRIKER Plus 4	STRIKER Vivid 4cv	STRIKER Vivid 5cv	STRIKER Vivid 7cv	STRIKER Vivid 7sv	STRIKER Vivid 9sv
	010-01550-01	010-01870-01	010-02550-01	010-02551-01	010-02552-01	010-02553-01	010-02554-01
Built-in GPS	•	•	•	•	•	•	•
Quickdraw Contours		•	•	•	•	•	•
Garmin CHIRP Traditional ¹	•	•	•	•	•	•	•
CHIRP ClearVü ¹			•	•	•	•	•
CHIRP SideVü ¹						•	•
Built-in Wi-Fi®					•	•	•
ActiveCaptain® App Compatible ¹					•	•	•
Transducer and Mounts Included	•	•	•	•	•	•	•

AUTOPILOTS





GHP™ REACTOR 40 AUTOPILOT SERIES



Reactor™ 40 hydraulic autopilot keeps you on course at cruising speeds, minimises heading error, reduces power consumption and more, so you can be more comfortable while cruising. Solid-state 9-axis Attitude Heading Reference System (AHRS) sensors provide reliable vessel control in all sea and weather conditions and consistent heading accuracy within 2 degrees. Our Shadow Drive™ technology lets you easily take back control of the helm just by turning the wheel — automatically disengaging the autopilot. It's easy to control from your compatible Garmin chartplotter, and Reactor 40 can follow auto-guided routes¹ with compatible chartplotters and Garmin Navionics+™ and Garmin Navionics Vision+™ cartography, as well as legacy BlueChart g3 and g3 Vision charts. Flexible mounting options² and quick, easy commissioning make installation easier. For boats without a good, clean magnetic location to mount the CCU, Reactor 40 also supports heading inputs from third-party NMEA 2000® sensors such as GPS compass.

ADDITIONAL SERIES FEATURES

- 9-axis Attitude Heading Reference System (AHRS) sensors provide reliable vessel control in all sea and weather conditions and consistent heading accuracy within 2 degrees
- Shadow Drive™ technology automatically disengages the autopilot when you turn the wheel
- Control the autopilot directly from the screen of your compatible chartplotter
- Access Auto Guidance+¹ with compatible chartplotters and Garmin Navionics+™ and Garmin Navionics Vision+™ cartography. Auto Guidance is also available with BlueChart g3 and g3 Vision charts
- Supports third-party heading sensors or GPS compasses via the NMEA 2000® network

ACCESSORIES FOR REACTOR AUTOPILOTS



GHC™ 50 CONTROL UNIT

Part no: 010-02731-00

With its 5" WVGA edge-to-edge glass touchscreen interface and both wireless and wired control options, the GHC 50 autopilot instrument is styled to match the latest GPSMAP® premium chartplotters. It's powered by the NMEA 2000 network for seamless connectivity with Garmin MFDs and other units on your vessel.



REACTOR™ AUTOPILOT REMOTE

Part no: 010-12833-10

The ultimate in onboard freedom and convenience all in the palm of your hand. Bright colour display and new gesture controls let you course-correct with ease.



GRF 10 RUDDER SENSOR

Part no: 010-11829-00

Pair this GRF 10 rudder feedback sensor with your autopilot to provide rudder position feedback to detect and avoid rudder stops.



GNA 10 JOG LEVER ADAPTER

Part no: 010-13007-00

Use the GNA 10 to connect a jog lever to Reactor 40 autopilots on displacement hull work boats or trawlers. Adjust heading hold with the jog lever or access Power Steering mode to move the rudder without autopilot guidance.

¹ Do not install or store the sensor near strong magnets, including speakers

² Auto Guidance is for planning purposes only and does not replace safe navigation operations

GHP™ REACTOR 40 STEER-BY-WIRE AUTOPILOT

These corepacks bring our GHP Reactor 40 autopilot technology to vessels with select steer-by-wire control systems, including Yanmar® Electric Power Steering for the JC10 Joystick system, Teleflex® Optimus™ systems, Yamaha® Helm Master™ systems, Volvo Penta® Inboard Performance Systems and ZF® 2800 Pod Drive steering systems.



GHP REACTOR 40 STEER-BY-WIRE STANDARD COREPACK
Part no: 010-02794-03



GHP REACTOR 40 STEER-BY-WIRE YAMAHA® HELM MASTER™ COREPACK
Part no: 010-02794-04



GHP REACTOR 40 STEER-BY-WIRE VOLVO PENTA® COREPACK
Part no: 010-02794-06

ADDITIONAL SERIES FEATURES

- Solid-state 9-axis AHRS, reacts to the sea to hold course, even when the boat is unstable
- Standard corepack: supports steering systems from Yanmar® JC10 Joystick system, Teleflex® Optimus™ systems and ZF® 2800 system
- Corepack for Yamaha®: supports Yamaha Helm Master systems
- Corepack for Volvo Penta®: supports Volvo Penta IPS and stern drive joystick systems
- Minimises heading error, course deviation, rudder movement, power consumption, while providing a comfortable ride
- Mounts in any orientation
- NMEA 2000 interface
- Minimal commissioning and calibration takes just five minutes
- Provides advanced features to compatible Garmin chartplotters such as route following, route engage, and Autopilot Virtual Device
- Connects to up to 3 GHC™ 50 control units
- Add optional Autopilot Remote for control anywhere on your boat

¹Not recommended for fishing or applications that require holding heading while trolling or at low speeds. For applications that require precise heading control while trolling or at low speeds, our higher-performance Reactor 40 models are recommended.

GHP™ REACTOR 40 HYDRAULIC AUTOPILOTS

GHP Reactor 40 hydraulic corepack (pump sold separately) Part no: 010-02794-00
GHP Reactor 40 hydraulic with SmartPump corepack Part no: 010-02794-01

This robust unit gives powerboat users an easy-to-use autopilot system to rely on for navigation. The optional SmartPump features a more powerful, brushless motor-driven pump that is suitable for most users. It offers Intelligent Rudder Rate Technology (IRRT) which adjusts the rudder speed to the speed of your boat to ensure safer and more stable operation.



ADDITIONAL SERIES FEATURES

- Complete packages designed for hydraulically steered powerboats and sailboats
- Solid-state 9-axis AHRS, reacts to the sea to hold course, even when the boat is pitching and rolling
- Minimises heading error, course deviation, rudder movement, power consumption, while providing a comfortable ride
- Mounts in any orientation
- Minimal commissioning and calibration takes just five minutes
- One SmartPump™ fits most hydraulically steered boating applications
- NMEA 2000 interface
- Small, brushless SmartPump™ delivers better thermal performance, higher reliability, and lower power consumption
- Optimal performance for all steering cylinder sizes from 4 to 17 cubic inches
- Intelligent Rudder Rate Technology (IRRT)
- Patented Shadow Drive™ technology keeps you in control even when autopilot is engaged
- Provides advanced features to compatible Garmin chartplotters such as route following, route engage, and Autopilot Virtual Device
- Connects to up to 3 GHC™ 50 control units

PUMPS

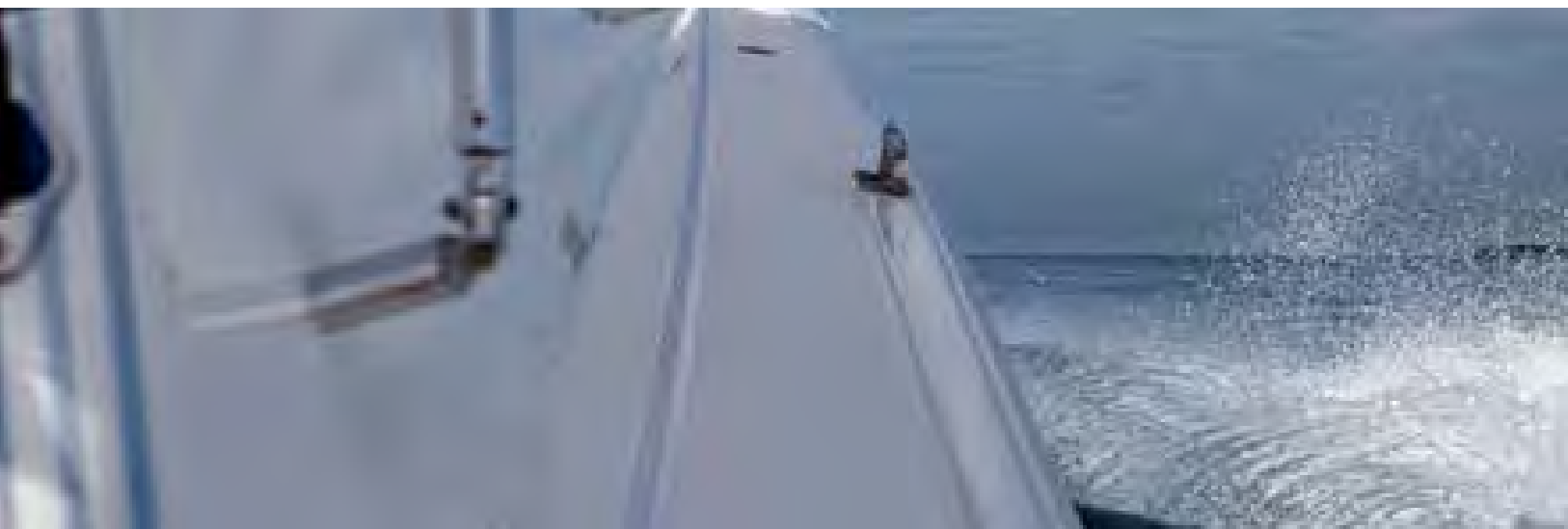
1.2-LITER PUMP KIT

Part no: 010-00705-64



2-LITER PUMP KIT

Part no: 010-00705-63



GHP™ REACTOR 40 MECHANICAL AUTOPILOT

GHP Reactor 40 Mechanical/Retrofit/Solenoid Corepack Part no: 010-02794-02

You never know when an extra crew member can come in handy. Maybe the wind picks up, and you have to leave the wheel to raise the sails or pull in fenders. Even in calm conditions, you sometimes need to hand over to someone else. That's where this below-deck autopilot system comes in, ideally suited for sailboats or powerboats with direct or cable-actuated steering systems.



ADDITIONAL SERIES FEATURES

- Ideal for sailboats with direct or cable-actuated steering systems
- Retrofit with your existing autopilot actuator or use with one of several Garmin linear actuator options (sold separately)
- Solid-state 9-axis AHRS, reacts to the sea to hold course, even when the boat is pitching and rolling
- Minimises heading error, course deviation, rudder movement, power consumption, while providing a comfortable ride
- Mounts in any orientation
- Minimal commissioning and calibration takes just five minutes
- Engineered from corrosion-resistant components
- NMEA 2000 interface
- Enter your boat's displacement or its planning speed, and Reactor will take into consideration the various steering characteristics that are required
- Provides advanced features to compatible Garmin chartplotters such as route following, route engage, and Autopilot Virtual Device
- Connects to up to 3 GHC™ 50 control units
- The Reactor 40 autopilot can follow auto-guided routes with compatible chartplotters and Garmin Navionics+™ and Garmin Navionics Vision+™ cartography, as well as legacy BlueChart g3 and g3 Vision charts
- Add optional Autopilot remote for control anywhere on your boat

DRIVE UNITS

CLASS A MECHANICAL DRIVE UNIT FOR BOATS UP TO 13 TONNES

Part no: 010-11572-00



CLASS B COMPACT HYDRAULIC DRIVE UNIT FOR BOATS UP TO 22 TONNES

Part no: 010-12029-00



CLASS B HYDRAULIC DRIVE UNIT FOR BOATS UP TO 36 TONNES

Part no: 010-11573-00



GHP™ COMPACT REACTOR 40 HYDRAULIC AUTOPILOTS

Designed for boats less than 30 feet long to provide relief from manually holding the wheel to maintain course in heavy currents or winds¹. Solid-state 9-axis AHRS technology delivers less heading error, course deviation, rudder movement, power consumption and a more comfortable ride. Easy to install with flexible mounting options and quick, easy commissioning via a compatible chartplotter or GHC 50.



GHP COMPACT REACTOR 40 HYDRAULIC COREPACK WITH GHC™ 50 AND SHADOW DRIVE™
Part no: 010-02794-08



GHP COMPACT REACTOR 40 HYDRAULIC COREPACK WITH GHC 50
Part no: 010-02794-07



GHP COMPACT REACTOR 40 HYDRAULIC COREPACK
Part no: 010-00705-06

ADDITIONAL SERIES FEATURES

- Solid-state 9-axis AHRS, reacts to the sea to hold course, even when the boat is unstable
- Designed for boats less than 30 feet long
- Available in 3 pack configurations:
GHP Compact Reactor Hydraulic Autopilot with GHC 50 and Shadow Drive™, GHP Compact Reactor Hydraulic Autopilot with GHC 50 and GHP Compact Reactor Hydraulic Autopilot
- Provides an extra set of hands, relief from manually holding the wheel to remain on course in heavy currents or winds
- Easy-to-install CCU provides flexible mounting options and quick, easy commissioning
- NMEA 2000 interface
- Minimal commissioning and calibration takes just five minutes
- 1 L geared pump supports hydraulic steering cylinders up to 10 cubic inches
- Provides advanced features to compatible Garmin chartplotters such as route following, route engage, and Autopilot Virtual Device
- Easy to add GHC 50 and Garmin patented Shadow Drive at any time if not initially included
- Add optional Autopilot remote for control anywhere on your boat

¹Not recommended for fishing or applications that require holding heading while trolling or at low speeds. For applications that require precise heading control while trolling or at low speeds, our higher-performance Reactor 40 models are recommended.



WEARABLES AND HANDHELDS



QUATIX® 7 SERIES



Plot your paradise on the water and beyond with quatix 7, the multisport GPS marine smartwatch that has all the features you need on your boat and the ones you want off it. Your quatix 7 provides comprehensive connectivity with compatible Garmin chartplotters and other devices¹ to offer autopilot control, Fusion-Link™ entertainment system control, sail racing assistance, integrated tide data on the watch face and much more. The watch comes in Classic, Solar and Sapphire editions — all of which let you enjoy full control of your boat from your wrist. All quatix 7 series watches feature an intuitive touchscreen interface, and the Sapphire editions add an ultra-bright, high-resolution AMOLED colour display.

➤ **COMPREHENSIVE BOAT CONNECTIVITY**

COMPATIBLE WITH GARMIN DEVICES¹

24/7 HEALTH MONITORING AND SMART NOTIFICATIONS²

USE TRADITIONAL BUTTON CONTROLS OR TOUCHSCREEN INTERFACE

BUILT-IN ACTIVITY PROFILES FOR WATER AND LAND SPORTS ➤

AUTOPILOT CONTROL²



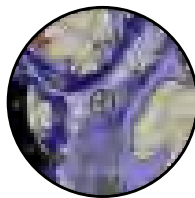
Access the autopilot app for control from your wrist: change heading, engage pattern steering, follow a GPS route and more.

DATA STREAMING



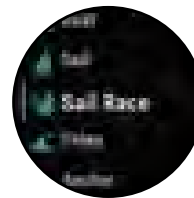
Wirelessly connect with compatible devices to stream data — water depth, engine RPM, wind, custom inputs and more — directly onto your wrist.

MARINE CARTOGRAPHY



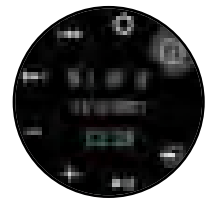
Never lose sight of where you are. Your quatix watch can support optional BlueChart® g3 charts.

SPORTS AND ADVENTURES



Built-in activity profiles let you track your pursuits on water and land, including golf, hiking, paddleboarding, kayaking and more.

MEDIA CONTROL



Play your favourite tunes and control your onboard entertainment system with the built-in Fusion-Link™ Lite app.

THE LINEUP

	quatix 7 010-02540-61	quatix 7 Sapphire 010-02582-62	quatix 7X Solar 010-02541-62
Bezel and Band	Stainless steel with blue silicone band	Titanium with titanium band	Titanium with titanium band
Lens Material	Corning® Gorilla® Glass DX	Sapphire crystal	Power Glass™ Solar Charging Lens
Display Type	MIP	AMOLED	MIP
Connectivity	BLUETOOTH®, ANT+®, Wi-Fi®	BLUETOOTH®, ANT+®, Wi-Fi®	BLUETOOTH®, ANT+®, Wi-Fi®
Battery Life	Up to 18 days in smartwatch mode, up to 57 hours in GPS mode	Up to 16 days in smartwatch mode, up to 42 hours in GPS mode	Up to 28 days in smartwatch mode, with up to an additional 9 days when solar charging; up to 89 hours in GPS mode, with up to an additional 33 hours when solar charging ²
Water Rating	10 ATM	10 ATM	10 ATM

¹Compatible marine products: GPSMAP® 7x2/7x3/9x2/9x3/12x2/12x3 Plus, GPSMAP® 10x2/12x2, GPSMAP® 74/7600, GPSMAP® 84/8600, GHC™ 50, GNX™ Wind, GNT™ 10 ²When paired with a compatible smartphone; see Garmin.com/ble ²Assumes continuous use for entire period in 50,000 lux conditions

HANDHELDS

GPSPMAP® 73 AND GPSPMAP® 79S

Boaters and watersport enthusiasts everywhere swear by GPS 73 and GPSPMAP 79s handhelds. They float! The 79 series features bright 2.6" LCD colour displays with built-in worldwide basemaps and a special MOB (man overboard) button. The GPS 73 includes SailAssist features, including virtual starting line, heading line, countdown timers and tack assist.



GPSMAP 73



GPSPMAP 79S

THE LINEUP

	GPS 73 010-01504-00	GPSPMAP 79s 010-2635-00	GPSPMAP 86s 010-02235-01	GPSPMAP 86i 010-02236-01
Easy-to-use Handheld	•	•	•	•
Floats	•	•	•	•
SailAssist	•			
Back-lit Buttons	•	•	•	•
Colour Screen		•	•	•
Worldwide Basemap		•	•	•
Ability to Add Maps		•	•	•
Waypoints/Favourites/Locations	1,000	2,000	10,000	10,000
Routes	50	200	250	250
inReach® Satellite Technology ¹				•
Memory/History		1.7 GB	16 GB	16 GB
Battery Life	18 hours	20 hours	40 hours	35 hours
Compass		Tilt-compensated 3-axis	Tilt-compensated 3-axis	Tilt-compensated 3-axis
Barometric Altimetre		•	•	•

¹Satellite subscription required • Wi-Fi is a registered trademark of the Wi-Fi Alliance.

NOTICE: Some jurisdictions regulate or prohibit the use of satellite communications devices. It is the responsibility of the user to know and follow all applicable laws in the jurisdictions where the device is intended to be used.

HANDHELDS

GPSMAP® 86 SERIES HANDHELDS

Cast off confidently with GPSMAP® 86 handheld series – Premium, floating handhelds with a sunlight-readable 3" colour display. GPSMAP 86i and 86s both support optional BlueChart g3 charts with integrated Navionics® data. Wireless connectivity makes these handhelds a virtual extension of your onboard marine system, displaying boat data from compatible chartplotters and instruments.

They also function as a remote control for convenient operation of your Garmin autopilot and FUSION® marine products. GPSMAP 86i allow you to stay in touch anywhere with inReach® satellite communication capabilities¹, two-way text messaging and interactive SOS. Share your position using GPS-based location tracking.



GPSMAP 86s



GPSMAP 86i



INREACH® MINI2 MARINE BUNDLE

The inReach Mini2 Marine bundle puts the rugged, compact inReach Mini2 satellite communicator on your boat for interactive SOS, two-way messaging and basic navigation via the global Iridium network¹. The screw down mount, 12-volt power cable and wireless connectivity to compatible chartplotters let you add peace of mind to your adventures without taking up space on your helm. Off its mount, the internal, rechargeable lithium up to 14 days in default 10-minute tracking mode and up to 30 days with 30-minute tracking interval.

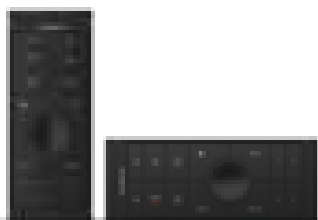
¹Satellite subscription required • NOTICE: Some jurisdictions regulate or prohibit the use of satellite communications devices. It is the responsibility of the user to know and follow all applicable laws in the jurisdictions where the device is intended to be used. Other Garmin maps not compatible with this device.

ACCESSORIES



GRID 20 REMOTE INPUT DEVICE

Part no: 010-02011-00 (Portrait), 010-02011-01 (Landscape)



The easy-to-use remote input device provides access and control of your entire Garmin marine System. It features a 360-degree joystick with a rotary knob and push-to-select button for easy chartplotter menu/setting navigation and fine control even in the worst conditions. You can designate 4 favourite keys to restore your system to a previously saved configuration.

9-AXIS HEADING SENSOR

Part no: 010-11417-20



Our premium solution for exceptional heading accuracy allows for MARPA tracking and improves the radar overlay experience. With heading output at 10 Hz and accuracy of plus or minus 2 degrees, it ensures your chart orientation and boat heading line match up with reality, even at lower speeds. The 9-axis MEMS technology allows installation in nearly any orientation located away from magnetic interference. It's built to withstand bilge environments.

MSC 10 MARINE SATELLITE COMPASS

Part no: 010-02407-00



With multi-band GNSS and a fully integrated attitude and heading reference system, this satellite compass ensures a smooth and accurate GPS-derived heading and position on the water. It will also deliver precise pitch, roll and heave information — even in rough seas — to a compatible Garmin chartplotter (sold separately) via the NMEA 2000® network.

GNA 10 JOG LEVER ADAPTER

Part no: 010-13007-00



Use the GNA 10 to connect a jog lever to Reactor 40 autopilots on displacement hull work boats or trawlers. Adjust heading hold with the jog lever or access Power Steering mode to move the rudder without autopilot guidance.

STEADYCAST™ HEADING SENSOR

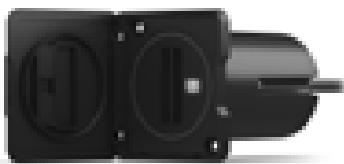
Part no: 010-11417-10



SteadyCast heading sensor is a simple, easy-to-install solution that provides fast calibration and premium heading accuracy. It aligns your boat bow to its actual orientation so you know where you are casting according to your chartplotter screen. It's accurate even at low speed and effective in rough water.

GARMIN USB CARD READER

Part no: 010-02251-00



Save space on your helm with the compact, water-resistant SD™ card reader. It holds two full-size SD cards for quick access to charts, software updates and ActiveCaptain® data.

Featuring a 2"x 2" footprint, flush mounting and USB connection to the back of your chartplotter, this card reader easily integrates into a crowded dash or elsewhere at the helm.

GPS 24XD RECEIVER

Part no: 010-02316-10



Explore coastal waters with the GPS 24xd position receiver and antenna. Get precise location to within 1 metre with dual-frequency band GPS and heading accuracy even at slow speeds with magnetic heading sensors. System-compatible antenna versions are available for both NMEA 2000® and NMEA 0183.

SUPPORT



TIME TO USE YOUR GARMIN MARINE ELECTRONICS

To make using and understanding your Garmin electronics as easy as possible, we offer several online resources where you can watch informative videos that show our newest products in action. You can find videos that clearly explain and demonstrate everything from installation and set-up to step-by-step “How To Use” guidance that will help you get the most enjoyment and best performance from your Garmin electronics.



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youtube.com/@garminau

MORE SERVICE

Of course, if you don't find the answers or help you need from our video resources, we also provide a quick link to an extensive list of Frequently Asked Questions on a variety of topics that have been brought up by other Garmin Owners.

support.garmin.com/en-AU/

QUESTIONS?

If you still haven't received the answer or explanation you need, then you can always contact one of our knowledgeable representatives by email or phone.



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