NEW MARINE PRODUCTS AND FEATURES

ACTIVECAPTAIN™ APP
The free all-in-one ActiveCaptain™ mobile app allows you to manage your marine experience from nearly anywhere. It creates a simple yet powerful connection between your compatible mobile device and your chartplotter, charts, maps and the community.
See page .................. 14

STRIKER™ PLUS SERIES
Garmin STRIKER™ Plus fishfinders include built-in GPS plus, CHIRP sonar, CHIRP scanning sonar capability and Quickdraw Contours. The 7” and 9” versions also adds WiFi® for ActiveCaptain capabilities.
See page .................. 68

ECHOMAP™ PLUS SERIES
Ready to hit the water with additions like built-in WiFi® to access the ActiveCaptain app and keyed assist touchscreen on certain models. They also deliver CHIRP sonar, premium navigation and Quickdraw Contours software.
See page .................. 32

Wi-Fi® is a registered trademark of the Wi-Fi Alliance.
**PANOPTIX SONAR — ALL SEEING IS BELIEVING**

Panoptix will open up a new world for serious fishermen. You can actually see fish and bait swimming around under or in front of your boat, even your lure — in real time. Panoptix is available in two versions, Panoptix Down and Panoptix Forward. See page 69 for compatible transducers.

**PANOPTIX DOWN**

With Panoptix Down you can search three ways: RealVü 3D Historical setting is used for finding fish while your boat is moving. It shows the entire water column in 3D from the bottom to the surface. With RealVü 3D Down, your boat can be stationary and you still see things in 3D around your boat. LiveVü Down is used to see fish coming toward the boat or moving away from it.

**PANOPTIX FORWARD**

With Panoptix Forward, you can search three ways: using RealVü 3D Forward, you will see 3D views of fish and structure in the water column in front of your boat. LiveVü Forward shows fish swimming, moving toward or away from your boat. For collision avoidance, FrontVü provides a look forward that shows underwater obstructions as you approach them in real time.

**PANOPTIX FEATURES**

- **RealVü 3D Historical**
  - Used for finding fish located throughout the entire water column, in 3D, from bottom to surface.

- **RealVü 3D Down**
  - Allows your boat to be stationary yet still see things around your boat in 3D.

- **LiveVü Down**
  - Shows fish swimming, moving toward or away from your boat — even your lure — in real time.

- **RealVü 3D Forward**
  - Sweeps forward to show you 3D views of the bottom, structure and fish in the water column in front of the boat.

- **LiveVü Forward**
  - Has a more live video look, showing fish swimming — even your lure, moving toward or away from your boat.

- **FrontVü**
  - Provides a look forward that shows underwater obstructions as you approach them in real time.

**FRONTVÜ**

Panoptix FrontVü sonar displays bottom up to 300 feet ahead of the boat (at 8 to 10 times the current depth) and delivers nearly instant feedback to give you more time to react. You can be more confident when navigating unfamiliar water because Panoptix FrontVü has a narrow beam, forward-looking sonar (20 degrees). This allows you to focus on the bottom in front of your boat and not be confused with what is off to each side. It also includes an AHRS sensor for motion stabilization that allows you to see what is in front of your boat even in rough water conditions.

**Transducer**

- PS21-TM
- PS21-TR
- PS22-TR
- PS30
- PS31
- PS51
- PS60

<table>
<thead>
<tr>
<th>Transducer</th>
<th>PS21-TM</th>
<th>PS21-TR</th>
<th>PS22-TR</th>
<th>PS30</th>
<th>PS31</th>
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<tr>
<td>RealVü 3D Down</td>
<td>✔</td>
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<tr>
<td>LiveVü Forward</td>
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<td>FrontVü</td>
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<td>Garmin Marine Network Compatible</td>
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<tr>
<td>Independent Power Connector</td>
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</table>

*Transducer PS21-TM and PS21-TR should be mounted in a location that is out of the water at speeds over 17 knots. For speeds below the water line, cruising speeds over 21 knots should be avoided.*
Scanning Sonar Technology

CLEARVÜ AND SIDEVÜ TECHNOLOGY OFFERS STUNNING IMAGE QUALITY WITH SUPERIOR CLARITY AND DETAILS

Scanning sonar technology that offers high-resolution, true-life imaging of the underwater structure and fish, providing a detailed view of both what is below and to the sides of your vessel. You can use this technology to search for and confirm ideal fishing spots.

ADVANTAGES OF SCANNING SONAR

Superior resolution
Enhanced resolution for greater target separation and stunning details.

More dynamic
Wide dynamic range for small target detection, making sure you see more than ever.

Clearer picture
Noise suppression allows for a much clearer picture – a real feast for your eyes.

CLEARVÜ

This high-frequency sonar gives you a clearer picture of what’s under the water around your boat, by producing a more detailed representation of objects, structure and fish. ClearVü with CHIRP technology takes it one step further, producing an ultra-clear page with even more detail.

SIDEVÜ

SideVü shows you what is happening to the sides of your boat. An excellent way of finding structures and fish. SideVü with CHIRP technology provides an even more detailed and higher resolution image of what is beneath the surface.

WHAT IS CHIRP?

CHIRP is the most sophisticated sonar technology available for use by the fishing and boating public. The word itself is an acronym for Compressed High-Intensity Radiated Pulse.

STANDARD SONAR

Standard sonar sends a single frequency at a time. Since the only feedback is from this one single frequency, there is little information to work with, limiting the clarity and resolution available with standard sonar.

CHIRP SONAR

Instead of sending just a single frequency, CHIRP sends a continuous sweep of frequencies ranging from low to high. CHIRP sonar technology then interprets frequencies individually upon their return. Since this continuous sweep of frequencies provides CHIRP with a much wider range of information, CHIRP sonar is able to create a much clearer, higher resolution image.

WHY GARMIN CHIRP?

The key to CHIRP sonar is the interpretation of the data retrieved. The better the data interpretation, the better the screen image.

Compare un-doctored screen images provided by actual Garmin sonar owners to any other CHIRP sonar images you have seen. We think you’ll agree that when it comes to CHIRP sonar technology, Garmin is creating products that interpret CHIRP sonar data the best. Especially when paired with a Garmin CHIRP transducer.
LakeVü HD Series

LakeVü HD

- Coverage on over 17,000 total lakes, of which 13,000 are HD maps with up to 1’ contours that provide a clearer view of the lake floor so you can catch more fish and navigate with confidence.
- Depth Range Shading for up to 10 depth ranges enables you to view your target depth at a glance.
- Shallow Water Shading lets you input and shade a minimum depth to help you avoid running aground.
- Displays points of interest, campgrounds, highways and roads as well as underwater features like riverbeds, fish attractors and potential hazards.

- High-resolution Relief Shading makes it easier to see contours and find fish holding structure.
- Auto Guidance feature shows a suggested route to a destination.
- Auto Guidance directs you to your hot spots by creating a suggested route on screen for your boat that seeks to avoid shallow water and other charted obstructions.
- Displays high-resolution Depth Range Shading from 1” to 10 depth ranges so you can view your designated target depth.
- Dynamic Lake Level allows you to adjust your maps to the lake’s current water level giving you a better idea of spots that are either accessible or too shallow to explore.

LakeVü HD Ultra with MaxDef Lakes

- Coverage on more than 17,000 total lakes, of which 13,000 are HD maps with up to 1’ contours to provide a clearer view of the lake bottom to catch more fish and navigate with confidence, and more than 700 are MaxDef maps with an unprecedented level of detail in Garmin maps, including sonar imagery and photos of notatable spots above and below the water.
- Auto Guidance feature shows a suggested route to a destination.
- High-resolution satellite imagery for superior situational awareness.
- Includes Fishing Hot Spots® Pro for Garmin with fish attractors, road beds, brush piles, submerged structures, vegetation, weed coverage and much more.

- Displays detailed shorelines and coastlines as well as underwater features like riverbeds, fish attractors and potential hazards.
- Shallow Water Shading lets you input and shade a minimum depth to help you avoid running aground.
- Unique 3D views like MarinerEye and FishEye provide additional perspective both above and below the water line.

- Dynamic Lake Level adjusts the map based on current water levels giving you a better idea of spots that are either accessible or too shallow to explore.
- Provides a 3-D representation of the surrounding area both above and below the waterline.
- Quickly view submerged structures, vegetation and weed coverage, artificial habitat locations, submerged road beds and more.

LakeVü Feature Comparison

<table>
<thead>
<tr>
<th>Feature</th>
<th>LakeVü HD</th>
<th>LakeVü Ultra</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto Guidance</td>
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<tr>
<td>High-Resolution Relief Shading</td>
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<td>3D Views (MarinerEye &amp; FishEye)</td>
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<td>Fishing Hot Spots Pro</td>
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<tr>
<td>Shallow Water Shading</td>
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</tr>
</tbody>
</table>

Canada LakeVü HD

- Coverage on more than 13,500 total lakes, of which 4,800 are HD maps with up to 1’ contours to provide a clearer view of the lake floor to catch more fish and navigate with confidence.
- Depth Range Shading for up to 10 depth ranges enables you to view your target depth at a glance.
- Shallow Water Shading lets you input and shade a minimum depth to help you avoid running aground.
- Displays detailed shorelines and coastlines as well as underwater features like riverbeds, fish attractors and potential hazards.

Canada LakeVü HD Ultra

- Coverage on more than 13,500 total lakes, of which 4,800 are HD maps with up to 1’ contours to provide a clearer view of the lake floor to catch more fish and navigate with confidence.
- Auto Guidance features show the best route to a destination.
- High-resolution Relief Shading makes it easier to see contours and find fish holding structure.
- Depth Range Shading for up to 10 depth ranges enables you to view your target depth at a glance.
- Shallow Water Shading lets you input and shade a minimum depth to help you avoid running aground.
- Unique 3D views like MarinerEye and FishEye provide additional perspective both above and below the water line.
- Dynamic Lake Level adjusts the map based on current water levels.
BLUECHART® G2 HD

- Derived from official charts and private sources to provide navigational aids, spot soundings, depth contours, tides and currents, and detailed harbors and marinas
- Depth Range Shading for up to 10 depth ranges enables you to view your target depth at a glance
- Up to 1' contours provide a more accurate depiction of bottom structure for improved fishing charts and navigation in swamps, canals and marinas
- Shallow Water Shading feature allows for depth shading at a user-defined level to aid in navigation
- Worldwide coverage available

BLUECHART® G2 VISION® HD

Includes everything available with BlueChart g2 and adds:
- Garmin Auto Guidance technology shows a suggested route to a destination
- Unique 3D views like MarinerEye and FishEye provide additional perspective both above and below the water line
- High-resolution satellite imagery of ports, marinas, bridges and navigational landmarks for superior situational awareness

Depth Range Shading
Displays high-resolution Depth Range Shading for up to 10 depth ranges so you can view your designated target depth.

FishEye view
Provides a 3-D representation of the surrounding area both above and below the waterline.

Auto Guidance 3.0
Auto Guidance technology quickly calculates a suggested route using your boat's dimensions and a suggested path to follow.

Satellite images
High-resolution satellite imagery with navigational charts overlaid gives you a realistic view of your surroundings so you can navigate with a clear moving-chart representation of your boat’s position. It’s our most realistic charting display in a chartplotter.

Aerial photos
Crystal clear aerial photography shows exceptional detail of many ports, harbors and marinas and is ideal when entering unfamiliar ports.

MarinerEye view
Provides a 3-D representation of the ocean floor as seen from below the waterline.
THE ULTIMATE CONNECTED BOATING EXPERIENCE

The free all-in-one ActiveCaptain™ app provides a powerful connection to your Garmin chartplotter, charts, maps and the community for the ultimate connected boating experience. Wherever you are, you’ll have unlimited access to your cartography, the ability to purchase new maps and charts and access to the Garmin Quickdraw™ Contours Community.

Connect to the ActiveCaptain community for up-to-date feedback on marinas and other points of interest. Smart notifications on your chartplotter screen keep you connected with everyone else. Plan a trip or pre-fish a lake, and ActiveCaptain will automatically sync with your chartplotter. Even view and control your chartplotter from your smartphone or tablet while you’re on the water.

Main functions

- **OneChart™** lets you access all your charts and maps from your mobile device and purchase new ones
- Get smart notifications, such as calls and texts, on your chartplotter display when paired with the app
- Download software updates and notifications from the app 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 — with zero button presses
- View and control your chartplotter from your smartphone or tablet

¹ Zero button presses applies to GPSMAP® chartplotters only.
QUICKDRAW CONTOURS' – CREATE YOUR OWN MAPS IN HIGH DEFINITION ON-SCREEN IN REAL-TIME

The free, easy-to-use Quickdraw Contours features instantly creates personalized HD maps with 1 ft contours. No training required; you just fish, and the maps are created. The maps are all yours – tailor them to fit your needs. Keep the data for yourself, or share it with the QuickDraw Community on Garmin Connect™.

Uncover unknown areas
Screen shows maps being created instantly in real-time. No detailed mapping existed in this area before.

Avoid stranding
Highlighted areas show shallow water based on your settings.

Clear overview
Green shading shows areas where mapping has been created and white spaces indicate gaps.

Expand your maps
Continue to explore and improve existing maps next time you are out on the water.

Mark up locations
Add labels for stumps and other locations.

Share locations
User-created points stay with the map so you can share them with friends or keep them private.

AUTO GUIDANCE’ – AN INSTANT PATH TO YOUR DESIRED DESTINATION

Patented Garmin Auto Guidance was the first automatic guidance navigation aid of its kind, and Auto Guidance is even more unique to boating. Available when you are using optional BlueChart® g2 Vision® HD, Auto Guidance creates a visible path you can follow, designed for your boat’s specification helping you avoid charted hazards and obstructions right to your destination. Auto Guidance even provides point-to-point guidance and navigational solutions, such as entering and exiting marinas – regardless of the depth of the water – with a path indicating where guidance is not conforming to user settings.

What you need
Enter your location, and Auto Guidance instantly searches through relevant charts to create a safe path specifically designed for the dimensions of your boat.

Creates a path
Also provides navigational solutions, such as entering and exiting marinas regardless of water depth, with a path indicating where guidance is not conforming to user settings.

Autopilot support
Engage your compatible Garmin autopilot to follow the Auto Guidance route, and it will automatically keep you on track.

"Via" points
Adjust the calculated Auto Guidance pathway by inserting "Via" points at interim stops or landmarks along your desired route.

Arrival times
Now you can calculate arrival times at any point of your route – great for timing your arrival to correspond with bridge openings or other time-critical events.

Save your paths
Allows you to save your plotted Auto Guidance paths for future navigation, by backing them up on an SD card with your BlueChart® g2 Vision™ HD.

*Available with BlueChart g2 Vision HD (sold separately).
Please note that Auto Guidance might have limited functionality for inland waters.

1 Available with BlueChart g2 Vision HD (sold separately).
2Compatible with all STRIKER Plus, ECHOMAP Plus products and GPSMAP 742s/1042s/1242s/7600/8600 chartplotter/sonar combo series (some devices require a free software update).
SAILASSIST FOR GPSMAP® SERIES

Laylines
Shows you on screen when you should make a tack or gybe.

Tides and current
Detailed animated view of tides and currents.

New wind rose
Displays true and apparent wind angle at the same time.

Heading and COG
Displays heading and a COG line at the same time.

Pre-race guidance
Helps you hit the start line at the right time at high speed.

Wind graphs
Clear graphs of TWD, TWS and AWS over time.

SAILASSIST CAPABLE PRODUCTS

ECHOINMAP Plus Series
GPSMAP 742 & 942 Series
GPSMAP 1202 Touch Series
GPSMAP 1042 & 1242 Series
GPSMAP 7600 Series
GPSMAP 8600 Series

INNOVATIVE REAL-TIME INTEGRATION BETWEEN VIRB® ACTION CAMERAS AND YOUR COMPATIBLE CHARTPLOTTER®

For the first time ever, your chartplotter has the ability to control and stream video from your action camera. In return, your plotter can send G-Metrix™ data2 such as boat speed, water depth and temperature directly to your VIRB Ultra 30 or XE/X – creating unique and interesting videos.

Wireless1 video streaming
The chartplotter can display up to four video streams at one time, which gives you endless possibilities. Each VIRB can also be named for easy identification.

G-Metrix system
Send boat data to your VIRB Ultra 30 or XE/X which can be overlaid on the video – or use the information with our free VIRB Edit Tool2.

VIRB control bar
A control bar can be overlaid on the plotter display to provide quick access to settings and offer a video preview without changing screens.

Perfect for fishing
Panoptix™ shows on the upper half, VIRB and chart on the other. You can now watch the fish eat your lure LIVE at the exact moment as you’re setting the hook.4

VIRB Mobile App
Free app that turns your compatible smartphone or tablet into a wireless3 remote control for your VIRB Ultra 30, or VIRB XE/X action camera.

ActiveCaptain™ compatible
Free all-in-one app provides a powerful connection to your Garmin chartplotter, charts, maps and the community for the ultimate connected boating experience.

Available marine G-Metrix™ data

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<tr>
<th>GPS navigation</th>
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<th>Sailing2</th>
<th>Engine2</th>
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<tbody>
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<td>True and apparent wind speed</td>
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<tr>
<td>Speed Over Ground (SOG)</td>
<td>Water Speed</td>
<td>True and apparent wind speed</td>
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<tr>
<td>Latitude and Longitude</td>
<td>Water Depth</td>
<td>RPM</td>
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</tr>
</tbody>
</table>

1 Compatible with GPSMAP 722/822/1222/1242 Series.
2 Optional NMEA 2000 accessories are required to provide certain marine G-Metrix data.
3 Requires compatible transducer (sold separately).
4 Requires compatible transducer (sold separately).

iPhone and iPad are trademarks of Apple Inc., registered in the U.S. and other countries. Android is a trademark of Google Inc. Wi-Fi is a registered trademark of the Wi-Fi Alliance.
Digital Switching, FLIR® & SmartMode™

Digital Switching

How would you like full one-touch helm control of AC mains, charge inverters and virtual devices on compatible GPSMAP series? With the Garmin digital switching capabilities you have complete control of the boats' electronic systems from the convenience of the your GPSMAP touchscreen.

FLIR® Thermal Vision

Don’t let darkness and bad visibility drive you off of the water. With thermal night vision, your time on the water is much safer. FLIRs thermal imaging cameras are rapidly finding their way to pleasure crafts and yachts all over the world, as well as to commercial vessels, work boats, fishing boats, cruise ships and many other types of vessels. Is your boat one of them?

SmartMode™

SmartMode control allows you to quickly change all screens at a helm in sync to a preset mode with the push of a button.

FUSION-Link™ Integration

FUSION-Link allows your compatible Garmin chartplotter or combo the ability to integrate with, and use FUSION’s special entertainment functionality, creating a centralized control station for the entire vessel, and a more user-friendly experience.

Main functions:
- Volume separation with FUSION’s Multi-Zone™ control available at the helm, right from your MFD
- For absolute convenience: install a FUSION Wired Remote Control in each listening zone
- Add media bar to stay informed and in control of your MFD and your entertainment experience at the same time
- Recreate your iPod/iPhone interface and get access to your favorite music with ease
- Control FUSION-Link capable marine stereo directly from your MFD
- Compatible with GPSMAP 700, 900, 1000, 1200, 7600, 8000, 8600 series and ECHOMAP Plus series

GARMIN MARINE NETWORK & NMEA 2000®

Garmin makes it easy to connect multiple devices and instruments in your boat. Simply combine the Garmin Marine Network with the NMEA 2000 to view multiple functions, such as chartplotter, radar, sonar, AIS, on one or more displays.

All Garmin Marine Network and NMEA 2000 devices come with an easy plug-and-play setup. The system automatically detects the devices in the network and makes them ready to use. All connectors are waterproof and the speed of the network is an impressive 100 Mbit. This means you can simultaneously view radar images, charts, soundings and other information on one or more displays in real time without any delay.

With an almost endless number of options, you can make your on-board network as advanced as you like.

View network examples on pages 84-87
EXPERIENCE A BEAUTIFULLY POWERFUL, COMPLETELY NETWORKED HELM AT YOUR FINGERTIPS.

GPSMAP® 8400/8600 MFD Series large-format multifunction displays feature 17-, 22- or 24-inch full HD in-plane-switching (IPS) screens with touch control and the highest resolution on the water. Includes a high-performance processor for our fastest map drawing ever. Install multiple displays either flush or flat mounted edge-to-edge to create a glass helm look.

**Main Functions**

- Premium glass helm with choice of 17-, 22- or 24-inch full HD display with touchscreen control
- Configure the full system to provide one-touch access to docking, cruising, fishing, anchoring and more
- Beautiful glass look with ability to install multiple displays either flush or flat mounted edge-to-edge
- GPSMAP 8600 Series includes preloaded BlueChart® g2 U.S. and Canada coastal charts and LakeVü HD inland maps
- Built-in Garmin Quickdraw™ software to create your own HD fishing maps with 1' contours
- Enhanced video processing with up to 4 IP (internet protocol) camera streams and simultaneous ActiveCaptain application support
- Presets for sonar, radar, cameras, media and digital switching can be independent or incorporated into SmartMode™ station controls
- One-touch access to information eases high-stress situations such as docking

**GPSMAP® 8400 Series** includes a worldwide basemap

- High-speed processor for our fastest map drawing ever
- Includes built-in Wi-Fi® connectivity, ANT® technology, 4-speed Ethernet ports, NMEA 2000, HDMI and USB ports, FUSION-Link integration, and supports the latest Garmin components with complete network compatibility
- NMEA® 0183 and 2000 compatible
- Supports a wide range of compatible Garmin transducers, including 50/200 kHz, 77/200 kHz, CHIRP scanning sonar with CHIRP technology, CHIRP: 1 kW RMS (8000 W peak-to-peak)
- Supports premium GSD™ 26 sonar module
- Built-in Garmin HD-ID™ sonar, true dual-channel CHIRP Traditional, CHIRP ClearVü and SideVü scanning sonar with CHIRP technology
- Supports Panoptix™ All-Seeing sonar
- Supports premium GSD™ 26 sonar module
- Transducer power: 1 kW RMS (8000 W peak-to-peak)
- CHIRP: 1 kW RMS, 3000 W peak-to-peak
- Graphic logging of water temperature and sonar recording
- All-in-one transducer options
- Supports the latest Garmin components with complete network compatibility
- Fully networked helm at your fingertips.

EXPERIENCE THE POWER OF TOTAL INTEGRATION

The GPSMAP 7600 Series has beautiful widescreen multitouch fully networked displays with premium mapping designed for fishermen, cruisers, sailors or anyone else who desires high performance and ease of operation.

**Main Functions**

- Multithread 7”, 8”, 10”, 12” and 16” widescreen displays
- Built-in high-sensitivity 10Hz GPS/GLONASS receiver
- Wireless communication via Wi-Fi®, connect with ActiveCaptain mobile app
- SmartMode™ control quickly changes all screens at a helm in sync
- NMEA® 0183 support for engines and generators
- Standard USB touch output for use as a touchscreen monitor for PCs (windows 7/8/10) and Mac
- Supports the latest Garmin components, including feature™ open-array radar featuring MotionScope™, autopilot, instruments, come with Panoptix, all seeing sound, VIRB Action cameras, cameras, GRID, wireless remote, weather and card reader as well as FUSION-Link™ entertainment integration
- Pre-race guidance, helps you get the start line at the right time at high speed
- Sonar features 7600 Series

**Sonar Features 7600 Series**

- Built-in Garmin HD-ID™ sonic twin dual-channel CHIRP sonar and both ClearVü and SideVü scanning sonar with CHIRP technology
- Supports a wide range of compatible Garmin transducers, including 50/200 kHz, 77/200 kHz, CHIRP Traditional, CHIRP ClearVü and SideVü
- Supports Panoptix™ All-Seeing sonar
- Supports premium GSD™ 26 sonar module
- Transducer power: 1 kW RMS (8000 W peak-to-peak)
- CHIRP: 1 kW RMS, 3000 W peak-to-peak
- Graphic logging of water temperature and sonar recording
- All-in-one transducer options
KEYED NETWORKING CHARTPLOTTERS AND COMBOS

Experience advanced all-in-one solutions with these keyed combos. Large, bright 10” or 12” screens coupled with quick and easy-to-use keypad interface with user-programmable keys and a multifunction control knob. Available with built-in Garmin CHIRP sonar and CHIRP ClearVu scanning sonar (transducers sold separately). Also available with both U.S. LakeVü HD maps and BlueChart® g2 charts.

Main Functions
- Large, bright 10” or 12” screens with keypad interface and multifunction control knob
- Built-in high-sensitivity 100 kHz GPS/GLONASS receiver
- Include both U.S. LakeVü HD maps and BlueChart® g2 charts
- Include Quickdraw Contours™ map drawing software
- Support Garmin Marine Network; allows sharing of sonar, maps, radar, maps, user data, NMEA 2000®, and NMEA 0183 support for network connectivity, including autopilots, digital switching, weather, media, VHF, AIS and other sensors
- Built-in wireless capabilities for use with quatix® 3 and quatix® 5 marine watch, Garmin Nautix™ in-view marine instrument and wireless remote controls

Sonar Features
- Garmin single channel CHIRP sonar, CHIRP ClearVu and CHIRP SideVu scanning sonar (transducers sold separately)
- Includes Panoptix™ all-seeing sonar

G742 part number: 010-01738-01
G742xs part number: 010-01738-03

ADVANCED NAVIGATION IN COMPACT CHARTPLOTTERS AND COMBOS

These 7”, 9” and 12” touchscreen chartplotters and combos prove that advanced navigation does come in a compact package. The 7”, 9” and 12” models are available with built-in Garmin CHIRP sonar and CHIRP ClearVu scanning sonar (transducers sold separately). The 12” Touch is available with 1 kW single-channel CHIRP, ClearVu/SideVu scanning sonars (transducers sold separately). Also available with both U.S. LakeVü HD maps and BlueChart® g2 charts.

Main Functions
- 7”, 9” or 12” high-resolution intuitive touchscreen displays
- Built-in high-sensitivity 100 kHz GPS/GLONASS receiver
- Include both U.S. LakeVü HD maps and BlueChart® g2 charts
- Include Quickdraw Contours™ map drawing software
- Built-in wireless capabilities for use with quatix® 3 and quatix® 5 marine watch, Garmin Nautix™ in-view marine instrument and wireless remote controls

Sonar Features
- Garmin single channel CHIRP sonar, CHIRP ClearVu and CHIRP SideVu scanning sonar (transducers sold separately)
- Includes Panoptix™ all-seeing sonar

942 part number: 010-01739-01
942xs part number: 010-01739-03

1242 part number: 010-01741-11
1242xsv part number: 010-01740-11
1242 Touch part number: 010-01917-11
1242xsv Touch part number: 010-01917-13
ECHOMAP™ Plus Series

New 2018

Available in 4”, 6”, 7”, 9” display sizes
• Keyed assist touchscreens (7” and 9”)
• Built in Situ GPS receiver
• Built-in Wi-Fi® to pair with the free ActiveCaptain app (6”, 7” and 9”)
• Quick-Release mount
• User data sharing (4” and 6” only)
• AIS and DSC Support
• NMEA® 0183 and 2000. (not incl on 4”)
• Receive data from autopilots, engines, sensors, VHF and much more microSD™ card slot
• BlueChart® g2 HD, BlueChart® g2 Vision HD and LakeVu Ultra compatible
• Built in Quickdraw Contours
• SailAssist sailing features
• Installation options – bracket or flush-mounted

Sonar features
• All models come with built-in HD-ID™, Traditional and ClearVu scanning sonar with CHIRP technology
• The sv Series also adds SideVu scanning sonar with CHIRP technology
• Supports a wide range of compatible Garmin transducers, including 50/200 kHz, 77/200 kHz, CHIRP Traditional and Garmin CHIRP ClearVu™ and more
• Supports Panoptix™ sonar
• Transmit power: 500 W (RMS), 4,000 W (peak-to-peak)
• Sonar recording
• Sonar history reviewed

Quick-Release mount example
The mounts feature both tilt and swivel capabilities to provide an optimum viewing angle. Cable plug directly into the mount, allowing quick installation and removal.

ECHOMAP PLUS SERIES — UNPARALLELED INNOVATION

Easy-to-use, easy-to-setup chartplotter/sonar combos with keyed-assist touchscreens, incredibly clear CHIRP traditional sonar, CHIRP ClearVu and CHIRP SideVu scanning sonar. Offers premium navigation plus built-in Wi-Fi® to pair with the free ActiveCaptain app.

Main functions

Wi-Fi is a registered trademark of the Wi-Fi Alliance
ENJOY SUPERIOR READABILITY IN ALL CONDITIONS

Designed for serious sailors who demand quality, precision and total integration. High-precision glass-bonded 10" or 7" large format instrument creates a beautiful “glass mast” display with superior readability in all conditions, day and night, with no fogging.

Main Functions
- High-precision glass-bonded backlit LCD display avoids fogging
- Bold digits are the largest digits in class
- Provides the data necessary to make confident decisions
- Displays over 10 marine and boat parameters for wind, sea, and vessel conditions
- Configuration and setup through capacitive touch buttons on the display
- Integrated sailing eco-system allows seamless sharing of sailing data between Garmin devices
- Change functions from optional fixed-mount GNX Keypad (sold separately)
- Easy expandability/scalability (no server required)
- NMEA 2000® certified
- Flat or flush mount for a beautiful glass mast look using our carbon fiber mast brackets

Main Functions
- 4 "hot keys" dedicated to preset configurations
- Set different levels of lighting. Adjust background lighting of all displays with the touch of a button.

GNX Keypad
Control the GNX 120 or GNX 130 from a distance with this optional push-button keypad interface that can be mounted near the helm. It includes four buttons dedicated to preset configurations. Plus, you can adjust the background lighting of all displays with the touch of a button.

GNX Keypad Part No: 010-12255-00

Mast Brackets for GNX 120
Flat mount the GNX 120 display for a beautiful glass mast look using our carbon fiber mast brackets. There are three mast bracket options to choose from – 2, 3, or 4 units.

Mast bracket 2 units Part No: 010-12236-00
Mast bracket 3 units Part No: 010-12236-01
Mast bracket 4 units Part No: 010-12236-02

Main Functions
- Flat mount for a beautiful glass mast look
- With included neoprene protective cover that protects your GNX 120 units from the harsh marine environment when not in use

Main Functions
- 4 "hot keys" dedicated to preset configurations
- Set different levels of lighting. Adjust background lighting of all displays with the touch of a button.
GNX WIND — SUPERB ADDITION FOR ALL SAILBOATS

GNX Wind marine instrument features high-visibility, glass-bonded backlit LCD display with customizable colors. Shows two data fields and a digital wind rose simultaneously to display true and apparent wind data, steering guidance, boat speed and more. It also offers 15 important marine parameters for wind, speed, navigation and customizable profiles and other configurations.

Main Functions

- Glass-bonded backlit monochrome LCD display lens to avoid fogging
- Displays true and apparent wind speed and wind angle, true wind direction, boat speed, speed over ground, NMEA 0183 heading, course over ground, closed haul and more
- Large digits with high contrast for visibility in all lighting conditions
- Provides backlight color for unique and personalized settings
- NMEA® 0183 and NMEA 2000 data to quatix® 3 and quatix 5
- Auto-scroll screens for hands-free operation
- Low power consumption (0.35W day, no backlight and 0.40W night with midlevel backlight)
- Customizable user profiles allow personalized and preferred screen settings
- Available as part of the GNX Wired Sail Pack
- Flush or flat mount installation options

GNX™ Wind
GNX™ Wind Part No: 010-01142-30

IDEAL DESIGN FOR BOTH POWER AND SAIL VESSELS

The GMI 20 has a bonded 4” color screen that displays depth, speed, wind, engine information and over 100 marine and vessel-specific parameters based on your preference. The glass-bonded finish lens prevents fogging and increases contrast.

Other features include a dedicated race timer that counts both down and up, with an internal beeper. Also included are two trim snap pieces cover options which allow you to match the GMI 20 with the GPSMAP 700/902/1100/1202/7600/8600 Series or legacy Garmin plotters.

Main Functions

- Extra large digits up to 47 mm high
- NMEA 0183 and 2000 certified
- Powered through NMEA 2000
- Supports 10Hz external GPS input
- Customizable data fields
- Customizable user profiles
- Low power mode to reduce power usage

Other features include:

- New red-black and green-black color schemes
- Multiple color schemes and night modes
- High contrast and up to 170˚ viewing angle
- Multiple color schemes and night modes
- New red-black and green-black schemes

COMPATIBLE SENSORS AND INSTRUMENTS FOR GMI™ 20

Compatible sensors and instruments include:

- gWind™
- GND™ 10
- GPS 19x
- NMEA analogue adapters
- Other Garmin marine accessories

FULLY CUSTOMIZABLE MARINE INSTRUMENTS

Perfectly designed for both sailboats and power vessels, these easy-to-read marine instruments, clearly show depth, speed, wind and 50 additional marine and vessel parameters. With glass-bonded displays, they provide excellent readability night and day with high contrast 36 mm digits. GNX 21s inverted display also makes it easier on the eyes at night. Enjoy hands-free operation while your preset auto-scroll function automatically cycles between screens.

Main Functions

- 4” hybrid monochrome display with glass-bonded lens to prevent fogging
- Backlit with seven preset colors or customizable user colors
- Auto-scroll function, set your display to automatically cycle between pages at a speed set for your most convenient, hands-free operation
- Large digits with high contrast for visibility in all lighting conditions
- Customizable user profiles allow personalized and unique screen layouts
- Large bright 4” QVGA color display
- UCD backlighting
- Glass bonded lens to prevent fogging
- High contrast and up to 170˚ viewing angle
- Multiple color schemes and night modes
- New red-black and green-black schemes

GMI 20 Part No: 010-01140-00

GMI™ 20
GMI™ 20
GMI™ 20

GMI 20 Part No: 010-01140-00
Garmin gWind™ sensors feature a 3-bladed propeller and twin-fin design for more accurate True Wind Speed (TWS) in lighter air and more stable True Wind Angle (TWA). Garmin offers a wide selection of wind sensors designed for both sail and power vessels.

The GND 10 black box interface seamlessly integrates Nexus instruments and sensors with the Garmin family. It converts data between the Nexus network and NMEA 2000® to provide trouble-free compatibility between Nexus and Garmin products including the gWind and gWind Race wind transducers.

Main functions
- Seamless integration between Nexus, Garmin products (NMEA 2000) and USB networks
- Simple plug-and-play operation with no user set-up or system configuration needed
- Integrated key features via the plotter for enhanced sailing functionality

gWind transducers
- Twin-fin design for superior performance and a propeller that lets you get accurate wind data even at low wind speed
- Robust and craftily designed to withstand rough elements

Instrument packs
- GNX Wireless Wind Pack
  GNX Wind and gWind Wireless 2
  Part no.: 010-01616-10

- GNX Wireless Sail Pack 52
  GNX Wind, GNX 20, gWind Wireless 2 and DST 800
  (depth, speed & temperature)
  Part no.: 010-01616-20

- GNX Wired Sail Pack 43
  GNX Wind, GNX 20, gWind, GND 10 and DST 800
  (depth, speed & temperature)
  Part no.: 010-01248-50

- GNX Wireless Sail Pack 43
  GNX Wind, GNX 20, gWind Wireless 2, GST 43 (speed & temperature), GDT 43 (depth & temperature) and NMEA 2000 adapters
  Part no.: 010-01616-30

- GNX Wired Sail Pack 52
  GNX Wind, GNX 20, gWind, GND 10 and DST 800
  (depth, speed & temperature)
  Part no.: 010-01248-60

- GNX Wind, GNX 20, gWind, GND 10 and DST 800
  (depth, speed & temperature)
  Part no.: 010-01248-50

- GNX Wind, GNX 20, gWind, GST 43 (speed & temperature), GDT 43 (depth & temperature) and NMEA 2000 adapters
  Part no.: 010-01248-60

- GNX Wireless Wind Pack
  GNX Wind and gWind Wireless 2
  Part no.: 010-01616-10

- GNX Wired Sail Pack 52
  GNX Wind, GNX 20, gWind, GND 10 and DST 800
  (depth, speed & temperature)
  Part no.: 010-01248-10

- GNX Wired Sail Pack 52
  GNX Wind, GNX 20, gWind, GND 10 and DST 800
  (depth, speed & temperature)
  Part no.: 010-01248-10
**SteadyCast™ Heading Sensor**

- Part no.: 010-11417-10

The Garmin 9-axis heading sensor is our premium solution that is easy-to-install provides fast calibration, and exceptional heading accuracy. Heading output at 10 Hz and accuracy of plus or minus 2 degrees ensures your chart orientation and boat heading line will always match up with reality, even at lower speeds.

You can also be confident 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. It also enables MARPA targeting and improves radar overlay alignment for Garmin radars. Installs easily with NMEA 2000® plug-and-play interface and a simple 2-step calibration process.

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

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**GPS 19x & 19x HVS**

- Part no.: 010-01010-10
- Part no.: 010-01010-00

- Easy NMEA 2000® plug-and-play
- 32 channels
- High-sensitivity 10Hz receiver
- Can handle several GNSS systems, including GPS and GLONASS
- Available in two versions – NMEA 0183 or NMEA 2000

**GRID™ (Garmin Remote Input Device)**

- Part no.: 010-11372-02
- Part no.: 010-11372-01
- Part no.: 010-11372-03

- 768 x 494 (NTSC) / 752 x 582 (PAL) effective pixels
- Resolution: 480 TV lines
- Seamlessly navigate between multiple monitors from one station and keypad menu access and screen navigation
- Rotary knob and joystick for quick access and screen navigation
- Standard and reverse image presentation
- Works equally well indoors and outdoors

**Fuel Sensor GFS™ 10**

- Part no.: 010-00671-00

- Minimum flow rate: 7.5 litres/h
- Maximum flow rate: up to 190 litres/h
- Small size for captain’s chair
- Full control – right in your palm
- Compass-safe distance: 36” (915 mm)
- Supplies data for depth and water temperature
- Works equally well indoors and outdoors

**Intelligent Transducers**

- Available for the following sensors:
  - GBT™ 10, Motor tilt adapter
  - GFL™ 10, Fuel level adapter
  - GST™ 10, Speed through the water
  - GFS™ 10, Fuel sensor
  - GBT™ 10, Bennett Trimaran adapter

For complete list of available transducers, please visit garmin.com

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Reactors™ 40 Corepacks

**Main Functions**

- **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** with compatible chartplotters and BlueChart g2 Vision HD charts.
- **Supports third-party heading sensors or GPS compasses** via the NMEA 2000 network.
- **Flexible mounting options** and minimal calibration required.

**COMPACT REACTOR 40 – HYDRAULIC COREPACKS**

- Standard Part no.: 010-00705-48
- With GHC 20 Part no.: 010-00705-49
- With GHC 23 and Shadow Drive Part no.: 010-00705-52

Designed for boats under 30 feet, easy-to-install CCU, providing flexibility and an extra set of hands. Page 47.

**REACTOR 40 – HYDRAULIC WITH SMARTPUMP™ COREPACK**

- With GHC 20 – Part no.: 010-00705-68
- With GHC 23 – Part no.: 010-00705-69

Ideal for all types of hydraulically powered powerboats – inboards, outboards, stern drives. Page 46.

- One SmartPump fits most hydraulically powered boating applications. Page 46.

**REACTOR 40 – MECHANICAL / RETROFIT / SOLENOID COREPACKS**

- With GHC 20 – Part no.: 010-00705-49
- Without GHC 20 – Part no.: 010-00705-48

Ideal for sailboats with direct or cable-actuated steering systems. Page 46.

**REACTOR 40 – STEER-BY-WIRE COREPACKS**

- Standard Part no.: 010-00705-06
- Yamaha® Helm Master Part no.: 010-00705-07
- Volvo Penta® Joystick Part no.: 010-00705-08

Fits vessels with steer-by-wire control systems, including Yamaha® JC10 Joystick, Telefex® Optimus™, ZF® 2800, Yamaha® Helm Master and Volvo Penta®. Page 47.

**ACCESSORIES FOR REACTOR AUTOPILOTS**

- GHC™ 20 Control unit
  - Controls your autopilot up to three GHC 20 autopilot helm controller units. Compatible with all Garmin autopilots, both inboard and outboards.
  - GHC 20 Part no.: 010-01141-00

- GHC™ Remote control
  - This wireless black marine remote places functionality of your GHC 20 into the palm of your hand. It’s rugged, waterproof and simple to use.
  - GHC Remote control Part no.: 010-01143-00

- GHC™ 10 Rudder sensor
  - Part no.: 010-00705-02
  - 10° rudder feedback sensor with your autopilot to provide rudder position feedback to detect and avoid rudder stops.

- GHC™ 10 Rudder Feedback Sensor Part no.: 010-11146-00

**REACTOR 40 – HYDRAULIC COREPACK**

With GHC 20 Part no.: 010-00705-49
Without GHC 20 Part no.: 010-00705-48

Ideal for all types of hydraulically powered powerboats – inboards, outboards, stern drives. Page 46.
HYDRAULIC COREPACK – WITH OR WITHOUT SMARTPUMP™

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 (IRT) which adjusts the rudder speed to the speed of your boat to ensure safer and more stable operation. Available with or without GHC™ 20.

Main Functions

- Complete package designed for hydraulically driven powerboats and fastachts
- Solid-state IAR system reacts to the sea to hold course, even when the boat is pitching and rolling
- Minimum heading error; course deviation, rudder movement, power consumption, while providing a comfortable ride
- Maneuver in any conditions
- Variable-composition and calibration rates, just five times
- One SmartPump™, does not restrict similarly sized boating applications
- GHC 20 compatible

With GHC 20 – Part no.: 010-00705-00
Without GHC – Part no.: 010-00705-66

Reactor 40 Hydraulic Autopilots

STEER-BY-WIRE – AUTOPilot WITH SHADOW DRIVE™

These corepacks bring our Reactor 40 autopilot technology to vessels with select steer-by-wire control systems, including Yamahas Electric Power Steering for the CIT system, and Telefex Optimus™ systems, Yamaha Helm Master™ systems, Vdo Pentax Inboard Performance Systems and ZF 2800 Pod Drive steering systems.

Main Functions

- Solid state IAR system, reacts to the sea to hold course, even when the boat is unstable
- Standard corepack: supports steering systems from Yamahas CIT system, Telefex Optimus™ systems and 2800 systems
- Compact for Yamahas: supports Yamahas Helm Master™ systems
- Compact for Vdo Pentax: supports Vdo Pentax IPS and in-line joystick systems
- Minimum heading error, course deviation, rudder movement, power consumption, while providing a comfortable ride
- Connects up to 3 GHC™ 20 control units
- Add optional GHC™, wireless remote allows easy control anywhere on your boat

Reactor 40 Steer-By-Wire Autopilot

COMPACT – HYDRAULIC COREPACKS FOR SMALLER BOATS

Designed for boats less than 30 feet long to provide relief from manually holding the wheel to maintain course in heavy currents or winds. 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 20.

Main Functions

- Solid state IAR, reacts to the sea to hold course, even when the boat is unstable
- Designed for boats less than 30 feet long
- GHC 20 compatible
- Add optional GHC™ wireless remote for GHC 20
- GHC 20 compatible

Compact Reactor 40 Hydraulic Autopilots

MECHANICAL COREPACK – RELIABLY ACCURATE

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. Available with or without GHC™ 20.

Main Functions

- Ideal for sailboats with direct or cable-actuated steering systems
- Optimized for use with Garmin Marine GPS Antenna or any unit with a Garmin Marine GPS Antenna (sold separately)
- Solid-state IAR system reacts to the sea to hold course, even when the boat is pitching and rolling
- Minimum heading error; course deviation, rudder movement, power consumption, while providing a comfortable ride
- Maneuver in any conditions
- Variable-composition and calibration rates, just five times
- Degraded from corrosion-resistant components

GHC 20 compatible

Reactor 40 Mechanical Autopilot

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 winds. 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 20.

Main Functions

- Solid state IAR, reacts to the sea to hold course, even when the boat is unstable
- GHC 20 compatible
- Add optional GHC™ wireless remote for GHC 20
- GHC 20 compatible

GHP Compact Reactor 40 Hydraulic Autopilot with GHC 20 – Part no.: 010-00705-02
GHP Compact Reactor 40 Hydraulic Autopilot with GHC 20 and Shadow Drive™ – Part no.: 010-00705-03

Reactor 40 Mechanical Autopilot

COMPACT REACTOR 40 HYDRAULIC AUTOPilots
GARMIN™ Fantom Open Array & Dome Radars

**FANTOM RADARS WITH MOTIONSCOPE™ TECHNOLOGY**

The 40 W solid-state Garmin GMR Fantom open array radars feature MotionScope technology. Using the Doppler effect, it detects and highlights targets in different colors as they move toward or away from you to help you identify and avoid potential collisions.

**Main functions:**
- 40 W Solid-state open array radars with pedestal
- Fully integrates with select Garmin chartplotters
- MotionScope™ technology uses the Doppler effect to detect moving targets so you can avoid potential collisions
- Provides radar data overlay on charts (autopilot or heading sensor recommended)
- Auto Bird Gain setting helps locate flocks of birds at the water’s surface – indicating game fish
- Pulse Compression allows for higher resolution while maximizing energy on target
- Target Size setting allows users to adjust and increase the size of targets
- MARPA setting enables tracking of 10 targets simultaneously
- Dynamic Auto Gain and Sea Filter settings automatically adjust to your surroundings for optimal performance in all conditions
- Dual radar capability allows you to have multiple radars running at the same time
- Dual range gives you the ability to see both close- and long-range at the same time
- Excellent close- and long-range detection from 20 ft to 72 nm
- 24 or 48 rpm – for fast screen update rate
- Instant turn on, no delay from warming up as with magnetron radars, and low power consumption
- Easy to install and easy to use
- Antenna diameter:
  - GMR Fantom 4: 4 ft
  - GMR Fantom 6: 6 ft
  - Vertical beam width: 25°
  - Horizontal beam width: 1.25°
- Power input: 10-32 V
- GMR Fantom is compatible with the GPSMAP 722/922/1022/1222/7400 and 8400 Series

The 18” and 24” 40 W solid-state Garmin GMR Fantom dome radars feature MotionScope technology. Using the Doppler effect, it detects and highlights targets in different colors as they move toward or away from you to help you identify and avoid potential collisions.

**Main functions:**
- 40 W Solid-state dome radars
- Fully integrates with select Garmin chartplotters
- MotionScope™ technology uses the Doppler effect to detect moving targets so you can avoid potential collisions
- Provides radar data overlay on charts (autopilot or heading sensor recommended)
- Auto Bird Gain setting helps locate flocks of birds at the water’s surface – indicating game fish
- Pulse Compression allows for higher resolution while maximizing energy on target
- Target Size setting allows users to adjust and increase the size of targets
- MARPA setting enables tracking of 10 targets simultaneously
- Dynamic Auto Gain and Sea Filter settings automatically adjust to your surroundings for optimal performance in all conditions
- Dual range gives you the ability to see both close- and long-range at the same time
- Excellent close- and long-range detection from 20 ft to 72 nm
- 24 or 48 rpm – for fast screen update rate
- Instant turn on, no delay from warming up as with magnetron radars, and low power consumption
- Easy to install and easy to use
- Antenna diameter:
  - GMR Fantom 18: 5.2°
  - GMR Fantom 24: 3.7°
- Power input: 10-32 V
- Vertical beam width: 25°
- Horizontal beam width: 1.8°
- Power input: 10-32 V
- GMR Fantom 24 is compatible with the GPSMAP 722/922/1022/1222/7400 and 8400 Series

**SPECIAL FEATURES FANTOM SERIES**

**MotionScope™**
Using the Doppler effect, it detects and highlights targets in different colors as they move toward or away from you to help you avoid potential collisions.

**Dual Range with Overlay**
Shows close and long range split screen images with radar data overlay at the same time.

**MARPA**
Tracks up to 10 selected targets, helping you keep track of other vessels and avoid collisions.

**Guard Zone**
Defined by a preset distance of an area around your boat, if an object enters the safety zone you will receive an alarm.

**Auto Bird Gain**
With MotionScope™ technology you can locate birds at the water’s surface with extreme precision, indicating game fish.

**Echo Trails**
A historical “trail” is left on the screen to quickly help you identify moving targets and potential collision threats.

**Target Size**
Maximizing energy on targets, increasing their size and opportunity to identify them at longer range.

**VRM and EBL**
Variable range markers (VRM) and electronic bearing lines (EBL) allow rapid measurements of distance and bearing to vessels and land.

**Dual Radar Support**
Dual radars provide the flexibility to install two different radars on the boat for best performance at any range.
GMR™ xHD2 delivers unmatched range and superb target separation in any weather.

Our powerful xHD2 open array radars combine advanced technology with unparalleled functionality, delivering excellent range (up to 96 nautical miles) and outstanding target separation—even in heavy fog or rain. Designed for serious fishermen and cruisers, these reliable radars are invaluable aids for tracking islands, coastal lines, other boats or impending weather. They can even help you find hot fishing spots.

Main functions:
- High definition with outstanding target separation
- Accurate and consistent target positions
- Integrated dual radar for more flexibility
- Pulse Expansion software
- Radar Overlay
- Auto Bird Gain
- 8-bit true color display
- MARPA support (optional heading sensor required)
- Integrated Auto Gain and Sea Filter features
- Echo Trails
- Programmable Antenna Parking Position
- Silent rotation and reliable operation
- Power input: 10-32 V
- Rotation speed: 24 or 48 rpm
- Withstands winds of up to 80 knots
- Easy to install and easy to use
- Antenna diameter:
  - GMR 2524 / 2526 xHD2 (4 ft)
  - GMR 1224 / 1226 xHD2 (6 ft)
- Transmit power:
  - GMR 2524 / 2526 xHD2: 25 kW
  - GMR 1224 / 1226 xHD2: 12 kW
  - GMR 626 / 624 xHD2: 6 kW
  - GMR 424 xHD2: 4 kW
- Vertical beam width: 23°
- Horizontal beam width:
  - GMR 2524 / 2526 / 1224 / 1226 xHD2 (4 ft)
  - GMR 2526 / 1226 / 626 / 624 xHD2 (6 ft)
- Range:
  - GMR 2524 / 2526 xHD2: 96 nm max. / 20 m min.
  - GMR 1224 / 1226 xHD2: 72 nm max. / 20 m min.
  - GMR 626 / 624 xHD2: 20 nm max. / 20 m min.

SPECIAL FEATURES xHD2 SERIES

Radar Overlay
Overlays a radar image on the chartplotters map page, verifying cartographic data.

With Pulse Expansion
Maximizing energy on targets, increasing their size and opportunity to identify them at longer range.

Without Pulse Expansion
Turning off Pulse Expansion gives a higher resolution image when desired.

Dual Range
Shows close and long range split screen images at the same time, using a single antenna.

True 8-bit colors
Its customizable color imagery helps you distinguish large targets from small ones and enhances target separation.

Auto Bird Gain
Smart feature that helps you to locate birds at the water’s surface, indicating a hot fishing spot.

Echo Trails
A historical “trail” is left on the screen to quickly help you identify moving targets and potential collision threats.

MARPA
Tracks up to 10 selected targets, helping you keep track of other vessels and avoid collisions.

With Pulse Expansion
Maximizing energy on targets, increasing their size and opportunity to identify them at longer range.

Without Pulse Expansion
Turning off Pulse Expansion gives a higher resolution image when desired.

Dual Radar Support
Dual radars provide the flexibility to install two different radars on the boat for best performance at any range.
WHAT RADAR DOES YOUR BOAT WANT?

Radome or open array

The radomes compact format adapts easily to the limited space of a small craft, making it ideal for day trips, coast-line sailing or spending some time at your favorite fishing spot.

Open array radars offer enhanced performance and greater range, detecting small or moving targets quickly and with extreme precision – even in poor weather. Mainly suited for experienced mariners and longer sessions at sea.

Garmin xHD technology

Our radars incorporate xHD technology for superior digital processing. Thanks to optimization of the pulse width and repetition frequency, the image provided is far more detailed than that of conventional radars.

Regardless of distance, echoes on your chartplotter will be clearer and targets better defined, making Garmin an invaluable aid when tracking land, other boats, weather or potential collision threats.

EASY-TO-USE WITH ADVANCED OPEN ARRAY FEATURES

The streamlined GMR™ 18HD+ dome radar delivers 4 kW of transmit power and clear echo definition at all ranges to enhance safety and situational awareness.

Main functions
- Dynamic Auto Gain automatically adjusts to your surroundings for optimal performance in all conditions.
- Dynamic Sea Filter automatically adjusts gain to changing sea conditions.
- Overlays the radar image on the chartplotter (autopilot or heading sensor is recommended for best results).
- MARPA function (external heading sensor recommended).
- Beam angles: 5.2° horizontal, 25° vertical.
- Max range: 36 nautical miles.
- Minimum range: 20 meters.
- Rotation speed: 24 revolutions/minute.
- No complex user settings; easy to install and start using.

GMR 24 xHD and 18 xHD combine advanced digital processing with intuitive and simple settings, so you can enjoy great performance without a lot of technical know-how. Ideal for amateurs as well as professionals, they detect the smallest obstacles up close or far away with extreme precision.

Main functions
- 4 kW transmit power for high sensitivity.
- MARPA support, Auto Bird Gain, Echo Trails, Dynamic Auto Gain and True 8-bit Colors.
- Horizontal beam width:
  - GMR 18 xHD: 5.2°
  - GMR 24 xHD: 3.7°
- Vertical beam width: 25°.
- Max range: 48 nm.
- Min. range: 20 m.
- Rotation speed: 24 or 48 rpm.
- Withstands winds up to 100 knots.

GMR 24 xHD Part no.: 010-00960-00
GMR 18 xHD Part no.: 010-00960-00
GMR 18HD+ Part no.: 010-01719-00

Garmin xHD technology

Our radars incorporate xHD technology for superior digital processing. Thanks to optimization of the pulse width and repetition frequency, the image provided is far more detailed than that of conventional radars.

Regardless of distance, echoes on your chartplotter will be clearer and targets better defined, making Garmin an invaluable aid when tracking land, other boats, weather or potential collision threats.
SPACE-SAVING VHF COMMUNICATION STATIONS

The VHF 300 and 300 AIS are space-saving "black box" VHF radios, that offer support for multiple communication stations and options for dual band AIS receivers. The design allows out-of-sight installation, enabling you to save valuable space on your instrument panel. The entire device can be operated from a GHS™ 10, a full-function remote control that also works as a microphone.

Main functions

• "Black box" design saves space at the helm
• Up to 25W transmission output
• All functions and settings are managed via the GHS 10 (supplied)
• 4" active speaker with volume knob (supplied)
• Initiate a VHF call directly from your Garmin NMEA 2000 plotter and VHF
• Full-Class D Digital Selective Calling (DSC) functionality (distress calling and direct calling with user programmed MMSI)
• 25W of transmit power
• Speaker-microphone audio power: 94 dBA
• Frequency bands: Pre-programmed with international marine channels, plus 10 NOAA weather channels
• Operating voltage: 12.0 VDC (volts of direct current)
• Current drain: standby: 350 mA; receive: 600 mA; transmit: 6.0 A at high current
• Design to complement the GPSMAP® 722/1222, GPSMAP 1022/1222, GPSMAP 742 and GPSMAP 1042 chartplotters and MFD’s

RELIABLE FIXED-MOUNT VHF MARINE RADIOS

Communication is critical on the water. The easy-to-install VHF 110 and VHF 210 radios plug and play via the NMEA 2000® network to compatible Garmin chartplotters and MFDs to provide standard Class D Digital Selective Calling (DSC) functionality. The VHF 210 AIS radio also displays AIS (Automatic Identification Systems) on the chartplotter to enhance communication, situational awareness and collision avoidance. With 25W transmit power; the fixed-mount marine radios give fishermen, sailors and cruisers confidence in emergency situations.

Main functions

• Fixed-mount with plug and play via the Garmin NMEA 2000® network
• VHF 210 AIS displays AIS (Automatic Identification Systems) on the chartplotter
• Standard Class-D Digital Selective Calling (DSC) functionality (distress calling and direct calling with user programmed MMSI)
• 25 W of transmit power
• Speaker-microphone audio power: 94 dBA

GHS 20 & 10

TAKE CONTROL – WITH OR WITHOUT WIRE

The GHS 20 and 10 give you full-function control of your VHF. The GHS 20 is a wireless remote handset that lets you maintain control as you move about on board. Designed for quick and easy use, the system features a volume, squelch and channel adjustment knob and a dedicated channel 16/9 selection key. The GHS 20 and 10 are compatible with the VHF 300, 300 AIS and 200 AIS. Both models support Digital Selective Calling (DSC).

Main functions

• Sharp 2" LCD display
• Dedicated buttons for channels and frequencies
• Multi-function buttons for other settings and functions
• Dedicated button for selecting channel 16/9

GHS 11

COMMUNICATION IS CRITICAL ON THE WATER

The GHS 11 allows full function of your VHF 210 radio from a remote location. No complex components, just a simple design that includes soft keys, a 2-in. diagonal dot matrix display and a coiled cable that stretches from about 1 foot to nearly 5 feet. A rotary/push knob for volume, squelch and channel selection make for ease of use with a dedicated button for access to channels 16/9. All buttons and knobs resemble those of the VHF radio.

Main functions

• Sharp 2" LCD display
• Dedicated buttons for channels and frequencies
• Multi-function buttons for other settings and functions
• Dedicated button for selecting channel 16/9

*Only GHS 20 has wireless connection.*
Receive/transmit AIS data for full coverage

Raise the level of safety on board with the AIS 600 and patented ClearTrack™ technology, that guarantees uninterrupted signal reception. This gives you a good overview of the area even when visibility is very poor. The AIS 600 is a "black box" that can be installed out of sight behind the bulkhead. It is operated directly from your plotter screen. The integrated splitter allows you to connect both AIS and VHF to the same antenna.

AIS 600 Part no.: 010-00865-00

AIS 300

Safe monitoring of traffic in your vicinity

AIS 300 can receive AIS data from other vessels in the area. It helps you to avoid collisions and navigate safely, even in poor visibility. The "black box" construction can be installed out of sight behind the bulkhead and can be operated directly from your chartplotter. It comes with an integrated splitter that allows you to connect both AIS and VHF to the same antenna.

AIS 300 Part no.: 010-00892-00

Automatic identification system

Improved communication, safety and collision avoidance at sea. AIS shows you other boats immediately on your marine chart. Make your boat visible to others with the AIS 600 transponder.

The Automatic Identification System (AIS) enables the exchange of navigation status data between vessels and land-based stations. Ships equipped with AIS can identify and track each other wherever they meet. Already, commercial vessels over 300 gross tonnage are obliged to carry AIS, and a growing number of small commercial and leisure boats are also opting for it to increase safety. Your vessels name, size, use, speed, heading and more is sent by VHF to other traffic in the vicinity. With an AIS receiver on board, anyone can see the position and bearing of other boats and ships nearby.

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.
The GSD 26 Spread Spectrum technology gives you the best of both worlds – better target separation in deep waters, and the option of tuning to specific frequencies to target certain species of fish. It also offers optimal target definition, bottom contour analysis and signal noise suppression at greater depths, and gives you faster screen updates and instant interpretation of what’s below.

**Main functions**
- The GSD 26 digital sonar incorporates revolutionary digital Spread Spectrum technology
- Works with a dual-channel single receiver
- The dual transmitter allows simultaneous and independent dual frequency display
- Manually adjustable frequency from 28 kHz to 210 kHz
- Displays depth, fish echoes and bottom contours
- Produces a clear image with fantastic signal reproduction and performance in deep water
- Two frequencies: 50 and 200 kHz
- Optional output power of 600W, 1kW or 2kW
- Max. depth 1,500 m

The GSD 24 incorporates modern digital technology to give superior target separation and bottom structure analysis. Compatible with many different transducers, this new sonar module has optional transmission output (600W, 1kW and 2kW) for pinpoint accuracy at depths of down to 1,500 metres. Whether you are looking for fish or hazards below the surface, you’ll see everything in exceptionally sharp detail.

**Main functions**
- Displays depth, fish echoes and bottom contours
- Produces a clear image with fantastic signal reproduction and performance in deep water
- Two frequencies: 50 and 200 kHz
- Optional output power of 600W, 1kW or 2kW
- Max. depth 1,500 m

Designed for the serious sportfisherman, the GSD 25 premium sonar module is a remote network solution that provides outstanding fishfiding and bottom tracking capabilities for boats with networked GPSMAP 8000 or GPSMAP 7600 Series chartplotters. It offers true dual-channel 1kW CHIRP, plus ClearVu and SideVu scanning sonar with CHIRP technology for the clearest scanning images on the water.

**Main functions**
- Designed for the serious offshore sportfisherman
- Premium remote network sonar solution
- Provides outstanding fishfiding and bottom tracking capabilities
- Includes dual-channel 1kW CHIRP, plus ClearVu and SideVu scanning with CHIRP technology
- Can target details as precise you can actually distinguish between small and closely spaced fish at key fishing depths
- Max. depth 1,500 m
- For use with the Garmin GPSMAP 8600 Glass Helm Series

The Garmin GCV 10 black box sonar adds both SideVu and ClearVu with CHIRP scanning sonar technology to your compatible Garmin chartplotter. CHIRP technology sweeps through a range of frequencies to give you an ultra-clear sonar picture of objects, structure and fish that pass below (ClearVu) and to the sides (SideVu) of the boat. Together with your plotters traditional sonar, you get an excellent search and confirmation tool for advanced fishfiding in both fresh and saltwater.

**Main functions**
- For use with Garmin compatible chartplotters
- Includes 12 pin all-in-one ClearVu/ SideVu™ transducer with 20 ft. cable
- 3 network ports provided for advanced networking capability
- Excellent search and confirmation tool for advanced fishfiding in both fresh and saltwater
- Provides both ClearVu and SideVu with CHIRP scanning sonar technology for a high-frequency, ultra-clear sonar picture of objects, structure and fish that pass below (ClearVu) and to the sides (SideVu) of the boat
- Jackplate and step mount available (both sold separately)
**STRIKER Plus™ Series**

**STRIKER Plus™ Series Panoptix™ Transducers**

**STRIKER™ Plus 7cv** Part no.: 010-01783-00  
**STRIKER™ Plus 7sv** Part no.: 010-01784-00

**Nobody knows the waters you fish better than you and your fellow fishermen. While you are trolling the shorelines and the depths, Quickdraw Contours mapping software creates HD fishing maps of the places you’ve been with 1’ contours. Get nearly photographic images of what passes below and beside your boat with CHIRP ClearVü and CHIRP SideVü scanning sonars. Use built-in Wi-Fi to pair with the ActiveCaptain app for smart notifications, access to Quickdraw Contours Community data and more.**

**Main functions**

- Available in 4”, 5”, 7” or 8” bright sunlight-readable displays.
- Built-in Garmin CHIRP ClearVü™ (cv models) and CHIRP SideVu™ (sv models) scanning sonars for nearly photographic images of what passes below and beside your boat.
- Built-in Garmin CHIRP traditional sonar for crystal-clear images and remarkable target separation.
- Built-in Quickdraw Contours mapping software that lets you create and store up to 2 million acres of maps with 1’ contours.
- Built-in Wi-Fi™ (7” & 9” models) for access to ActiveCaptain™ app so you can receive smart notifications, access Garmin Quickdraw™ Community, handle waypoint updates and software updates remotely.
- Built-in GPS lets you mark waypoints, create routes and view boat’s speed.
- Rugged design for all weather and fishing environments.
- The PS30 transducer allows you to see near bottom and large target fish swimming around under your boat – in real time, while stationary. You get three different views, LiveVu™, ForwardVu™ and RealVu™ 3D Historical. The unique thru-hull installation is ideal for coastal or offshore fishermen with larger boats.
- The PS60 thru-hull transducer grants you three remarkable views, LiveVu™ Down, RealVu™ 3D Down and RealVu™ 3D Historical. The large thru-hull installation is ideal for coastal or offshore fishermen. With the PS60 thru-hull installation, you get three remarkable views, LiveVu™, FrontVu™ and RealVu™ 3D Forward. Both transom and trolling motor mount is included.

**Panoptix™ All-Seeing Sonar Transducers**

Whichever transducer you choose, Panoptix will certainly open up a new world for you. The comparison table will help you select the model that best suits your needs.

**PS22-TR TRANSDUCER**

Panoptix™ PS22-TR transducer lets you see all around your boat and below it — in real time — with LiveVu Forward and LiveVu Down. Just mount it to the shaft or motor barrel of your trolling motor.

**PS5I-TH WITH FRONTVÜ**

Multi-beam thru-hull transducer with premium forward-looking sonar. Helps you avoid running aground by displaying the bottom ahead of your boat in real-time on your compatible chartplotter.

**PS60 THRU-HULL DOWN**

With the PS60 thru-hull Down transducer you get three remarkable views, LiveVu™ Down, RealVu™ 3D Down and RealVu™ 3D Historical. The unique thru-hull installation is ideal for coastal or offshore fishermen.

**PS3I FORWARD**

PS3I Forward allows you to see the bottom, structure and fish in front of your boat — in real time, even while stationary. You get three impressive views, LiveVu™, FrontVu™ and RealVu™ 3D Forward. Both transom and trolling motor mount is included.

**PS30 DOWN**

PS3I Down allows you to see baitfish and large target fish swimming around under your boat – in real time, even while stationary. You get three incredible views, LiveVu™, ForwardVu™ and RealVu™ 3D Historical.

**PS21 TR & PS2I-TM FORWARD**

The PS21 transducers allows you to see fish swimming and attacking your lure with LiveVu Forward and to see obstructions for collision avoidance with FrontVu™ – up to 100 feet away. The compact and light PS2I comes with a trolling motor mount (TMM).
VIRB® Action Cameras

CAN YOUR ACTION CAMERA DO THIS?

VIRB 360

If it’s worth remembering, it’s worth a VIRB® 360. With one touch or a voice command, this rugged, waterproof® camera captures 360-degree video in up to 5.7K resolution with 360-degree audio, and it includes built-in sensors for augmented reality G-Metrix™ data overlays. Advanced image stabilization™ ensures a smooth video regardless of camera movement. Videos and photos are automatically stitched in camera, enabling fast sharing as well as instant livestreaming™ with the free, easy-to-use VIRB® Mobile app.

VIRB ULTRA 30

Get spectacular footage with the ultra HD action camera for your active lifestyle. Compact, lightweight, waterproof® and easy to use, VIRB Ultra 30 captures 4K/30fps video and features G-Metrix™ technology, which adds to the app by letting you overlay gauges and graphs with action data. Built-in image stabilization™ makes for crisp, steady footage. The touchscreen display and high-sensitivity microphone are fully functional through the waterproof case. With one touch, you can even live-stream™ in HD on YouTube® to share your footage with the world.

Main functions

VIRB 360
- Resolution up to 5.7K or 5K unstitched and 4K with in-camera stitching1
- Up to 15 megapixel resolution providing high-quality, 360-degree images
- 4 built-in microphones capture 360-degree audio
- Advanced image stabilization™ ensures a smooth video regardless of camera movement
- In-built sensors provide G-Metrix™ data overlays in 360-degree augmented reality2
- Rugged camera is waterproof to 10 meters4, small and lightweight
- Liveview to YouTube® or Facebook® Live with compatible smartphone or tablet

VIRB Ultra 30
- Resolution up to 5.7K or 5K unstitched and 4K with in-camera stitching1
- Easy-to-use free VIRB® Mobile app and desktop software let you edit, stabilize, share and add data overlays to video
- Use the free VIRB® Mobile app to preview your shot live, and control your camera from a compatible smartphone or tablet
- Use voice control¹ to start and stop recording, take photos and more
- Record videos in modes such as time lapse, manual and more
- Sunlight-readable display shows battery, storage, mode and connectivity status

Main functions

Quatix 5
- Specificall designed for the water, the quatix® 5 multisport GPS smartwatch offers comprehensive connectivity with compatible Garmin chartplotters and other devices to provide autopilot control, remote waypoint marking, sail racing assistance, data streaming — including speed, depth, temperature and wind — and much more.

Quatix 5 – Has you covered on land and water

With built-in activity profiles and performance metrics for paddle boarding, kayaking and canoeing, quatix 5 has you covered for whatever sport you want to track. Satellite navigation and tracking functions combine with a 3-axis compass, gyroscope and barometric altimeter to guide you with confidence, on and off the water. Also includes connected features2 such as smart notifications, automatic uploads to Garmin Connect™ online fitness community and personalization through free watch faces and apps from our Connect IQ™ store.

Main functions

Quatix 5
- Includes Elevate™ wrist-based heart rate1 and built-in GPS, features Quatix™ 5 smartband, stainless steel case, buttons and more
- Water-rated to 10 ATM (100 meters)²
- Preloaded activity profiles for all your sports and adventures, including paddle boarding, kayaking and canoeing
- Get key stats at your fingertips with the performance widget that shows your training status, training load and more
- Battery performance up to 2 weeks in smartwatch mode (depending on settings), up to 24 hours in GPS mode and up to 60 hours in Glonass-enabled battery saver mode

Quatix 5 Sapphire
- Includes Elevate™ wrist-based heart rate1 and built-in GPS, features Quatix™ 5 smartband, stainless steel case, buttons and more
- Wearable & Handhelds
- Spec & Networks
- Pricing & Support

1 Voice control available for English (U.S., U.K.), French, Italian, German, Spanish, Swedish, Japanese and Mandarin.
2 Livestreaming only available on compatible Apple® devices.
3 See Garmin.com/waterrating
4 1See Garmin.com/ataccuracy
7 Wi-Fi® is a registered trademark of the Wi-Fi Alliance.
8 1See Garmin.com/ataccuracy
9 ANT®-enabled stereo models (RA70/BB100)
10 Built-in FUSION-Link™ Lite app controls connected FUSION® marine stereo and entertainment systems
12 Includes Compass, Altimeter, Screenshot and more
13 Includes Heads Up Display (HUD), Speed, Distance, and much more
14 ANT®-enabled
15 Connect IQ™ store
16 See Garmin.com/connectiq
17 Quatix® 3
18 See Garmin.com/quatix
19 quatix® 5
20 quatix® 5 Part no.: 010-01688-40
21 quatix® 5 Sapphire Part no.: 010-01688-42
22 quatix® 3
23 quatix® 3 Sapphire Part no.: 010-01688-40
The Information You Need In-Sight

Garmin Nautix™ enhances your situational awareness by placing important information exactly where you want it, either below or above your direct line of sight. Offering unobtrusive yet immediately accessible data, the Garmin Nautix™ is ideal for fishing, sailing or cruising.

Main functions
- Lightweight device attaches easily to either side of most sunglasses and apexes to form low-profile marine data in your line of sight
- Displays speed, heading, water depth and temperature, wind direction and engine RPM – streamed from a compatible onboard Garmin device
- Glove- and wet weather-friendly touch pads allow you to zoom between data displays
- Provides hands-free, in-view display to enhance situational awareness
- Color display ensures readability in all conditions; can be worn with polarized or prescription lenses
- Garmin Nautix™ is compatible with GDX™ wind instrument, GPSMAP® 9400 and GPSMAP® 8400 series
- Floats, weather resistant, construction designed for boating. Battery life over 8 hours (always on)

**GPSMAP® 276Cx**

Versatile GPSMAP® 276Cx all-terrain navigator with advanced GPS and GLONASS reception tracks your position in challenging environments. It has a large, sunlight-readable 5” screen plus built-in barometric altimeter and 3-axis compass. It is preloaded with a worldwide basemap and free 1-year Birdseye Satellite Imagery subscription. Advanced mapping, connectivity and flexible mounting options are available; water-rated to IPX7.

Main functions
- Internal antenna with GPS and GLONASS satellite reception (sold separately)
- World baseline with free 1-year Birdseye Satellite Imagery subscription
- Supports Garmin TOPO maps and HuntView, BlueChart® g2 HD marine charts, turn-by-turn directions on City Navigator®, Custom Maps, raster maps and vector maps
- Supports Active Weather forecasts and remained weather tracking
- Pair with your compatible mobile device for automatic uploads, smart notifications and more; also compatible with Wi-Fi® and ANT+® technology for integration of external sensors
- Powered by AA battery or optional rechargeable battery pack

**TOP Choice Handhelds For All Mariners**

Boaters and watersport enthusiasts everywhere swear by the GPSMAP 78 handhelds. They feature a bright 2.6” LCD color display with built-in worldwide basemap and a special MOB (man overboard) button. What’s more, these waterproof devices are designed to float. SailAssist for GPS 73 include virtual starting line, heading line, countdown timers and task assist.

Main functions
- 2.6” LCD color display (400 x 240), 2.6” (128 x 128) level gray LCD (73)
- Highly sensitive GPS receiver for optimum reception and performance
- Wi-Fi® and ANT+® support
- Satellite assisted, estimated time of arrival, other calculations and marine data
- MOB (man overboard), Button shows distance and bearing to the position where the button was pressed

**inReach® SE+ & inReach Explorer®+**

inReach® SE+ is the satellite communicator that uses 100% global Iridium satellite coverage for 2-way messaging anywhere in the world. In case of emergency, the interactive SOS allows you to communicate back and forth and receive confirmation that help is on the way. Navigate with detailed, preloaded. inReach Explorer®+ has TOPO maps, follow routes, mark waypoints and find your way back.

Main functions
- Satellite communicator and GPS device with 2-way Iridium satellite coverage
- View preloaded DeLorme TOPO maps overlaid with GPS waypoints and routes, right on the full-color display
- Built-in, high-sensitivity GPS provides robust navigation with TOPO, location and tracking data within 5 meters and better accuracy than a paired compatible mobile device. Follow courses, drop waypoints and find your way back with high-definition breadcrumb trail
- Can be enhanced with BlueChart® g2 HD charts
- Includes Iridium support
- Wireless data transfers
- Iridium® for GPS 73 include virtual starting line, heading line, countdown timers and task assist
- Share alerts (including off course, anchor dropped and more)

**2-Way Satellite Communicators**

- Built-in, high-sensitivity GPS provides robust navigation with TOPO, location and tracking data within 5 meters and better accuracy than a paired compatible mobile device. Follow courses, drop waypoints and find your way back with high-definition breadcrumb trail
- Can be enhanced with BlueChart® g2 HD charts
- Includes Iridium support
- Wireless data transfers
- Iridium® for GPS 73 include virtual starting line, heading line, countdown timers and task assist
- Share alerts (including off course, anchor dropped and more)
### Chartplotters & Combos

<table>
<thead>
<tr>
<th>Model</th>
<th>Display Size</th>
<th>Touchscreen</th>
<th>Frequency</th>
<th>Number of Waypoints</th>
<th>Sonar Support</th>
<th>GPS Receiver</th>
<th>Current Draw</th>
</tr>
</thead>
<tbody>
<tr>
<td>GPSMAP 8624x8424</td>
<td>24&quot;</td>
<td>Yes</td>
<td>1 kW CHIRP ClearVu, CHIRP SideVu</td>
<td>5000</td>
<td>Yes</td>
<td>10 Hz GPS/GLONASS, external</td>
<td>6.1 A</td>
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<tr>
<td>GPSMAP 8622x8422</td>
<td>22&quot;</td>
<td>Yes</td>
<td>1 kW CHIRP ClearVu, CHIRP SideVu</td>
<td>5000</td>
<td>Yes</td>
<td>10 Hz GPS/GLONASS, external</td>
<td>3.9 A</td>
</tr>
<tr>
<td>GPSMAP 8617x8417</td>
<td>17&quot;</td>
<td>Yes</td>
<td>1 kW CHIRP ClearVu, CHIRP SideVu</td>
<td>5000</td>
<td>Yes</td>
<td>10 Hz GPS/GLONASS, external</td>
<td>2.8 A</td>
</tr>
</tbody>
</table>

**Specifications**

- **Display Size**: 24" (GPSMAP 8624x8424), 22" (GPSMAP 8622x8422), 17" (GPSMAP 8617x8417)
- **Touchscreen**: Yes (all models)
- **Frequency**: 1 kW CHIRP ClearVu, CHIRP SideVu (all models)
- **Number of Waypoints**: 5000 (all models)
- **Sonar Support**: Yes (all models)
- **GPS Receiver**: 10 Hz GPS/GLONASS, external (all models)
- **Current Draw**: 6.1 A (GPSMAP 8624x8424), 3.9 A (GPSMAP 8622x8422), 2.8 A (GPSMAP 8617x8417)
<table>
<thead>
<tr>
<th>Feature</th>
<th>GPSMAP 1242xs/1242 &amp; 1242 Touch &amp; GPSMAP 1442xsv/1442 &amp; 1442 Light &amp; Touch</th>
<th>ECHOMAP Plus 96cv/96stv/104cv/104stv</th>
<th>ECHOMAP Plus 96cv/96stv/104cv Touch</th>
<th>ECHOMAP Plus 40cv/40stv &amp; 44cv/44stv</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display size (diagonal)</td>
<td>12&quot; (1242xs/1242), 10&quot; (1442xsv/1442)</td>
<td>9&quot;</td>
<td>7&quot;</td>
<td>4.2&quot; (40cv/40stv)</td>
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<tr>
<td>Display type and resolution</td>
<td>WSVGA - 1024 x 600 (104cv/104stv)</td>
<td>WSVGA - 1024 x 600 (104cv/104stv)</td>
<td>WSVGA - 600 x 600 (96cv/96stv)</td>
<td>WSVGA - 480 x 600 (44cv/44stv)</td>
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<tr>
<td>Touch in hand panel</td>
<td>6 key pad</td>
<td>6 key pad</td>
<td>6 key pad</td>
<td>6 key pad</td>
</tr>
<tr>
<td>GPS receiver</td>
<td>10 Hz GPS/GLONASS, internal</td>
<td>10 Hz GPS/GLONASS, internal</td>
<td>5 Hz GPS/GLONASS, internal</td>
<td>5 Hz GPS/GLONASS, internal</td>
</tr>
<tr>
<td>BlueChart® g2 HD compatible</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Traditional CHIRP</td>
<td>Yes (xsv)</td>
<td>Yes (xsv/96stv)</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Active Captain™ support</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>GridLock™ Legacy</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Internal Network</td>
<td>1 port, WSVGA - 1280 x 800 (94cv/104cv)</td>
<td>1 port, WSVGA - 1280 x 800 (94cv/104cv)</td>
<td>800 x 600 (96cv/96stv)</td>
<td>800 x 600 (44cv/44stv)</td>
</tr>
<tr>
<td>Internal Solar Sharing</td>
<td>Yes (in and out)</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Remote power</td>
<td>130 traditional, 140 CHIRP box</td>
<td>130 traditional, 140 CHIRP box</td>
<td>100 (96cv/96stv)</td>
<td>100 (44cv/44stv)</td>
</tr>
<tr>
<td>Headphone jack</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Waterproof† support</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>NMEA 0183:</td>
<td>1 in and 1 out, 10 Hz GPS/GLONASS, internal</td>
<td>1 in and 1 out, 10 Hz GPS/GLONASS, internal</td>
<td>1 in and 1 out, 10 Hz GPS/GLONASS, internal</td>
<td>1 in and 1 out, 10 Hz GPS/GLONASS, internal</td>
</tr>
<tr>
<td>NMEA 2000:</td>
<td>1 port, WSVGA - 1280 x 800 (94cv/124cv Touch)</td>
<td>1 port, WSVGA - 1280 x 800 (94cv/124cv Touch)</td>
<td>800 x 600 (96cv/96stv)</td>
<td>800 x 600 (44cv/44stv)</td>
</tr>
<tr>
<td>Connectors</td>
<td>Built-in wireless connectivity (43cv/43stv, 44cv/44stv, 124cv Touch)</td>
<td>Built-in wireless connectivity (43cv/43stv, 44cv/44stv, 124cv Touch)</td>
<td>2 in and 2 out, 1 port</td>
<td>2 in and 2 out, 1 port</td>
</tr>
</tbody>
</table>

† Waterproof is a rating of the unit’s housing and not the screen or accessories.
Instruments & Sensors

**Instruments**

| GMX 20 & GCH 20 Autopilot Control | GNV Whirl, GNX 20 & GNX 21 | GVC 20 & GNX 202 Wireless

- **Physical size (Horizontal)**: 6.38” x 6.38” x 1.19”
- **Display resolution**: 800 x 480
- **Display type**: LCD, monochrome
- **Physical size (Vertical)**: 6.38” x 6.38” x 1.19”
- **Display resolution**: 800 x 480
- **Display type**: LCD, monochrome

**gWind**

| gWind Transducer | gWind Race Transducer | gWind Wireless 2 Transducer | GNX 10 |

- **Display size**: 4”
- **Display type**: LCD
- **Physical size**: 4.34” x 4.54” x 1.19”
- **Mounting options**: Flat or Flush
- **Power consumption**: 350mW (no backlight)

**Radar**

| GMX Fantom 6/4 | GMX 2524/1224/624 | GMX 2524/1224/624 HD2 | GMX Fantom 24/18 | GMX 24 HD/18 HD | GMX FBDS |

- **Transmit Power**: GMX Fantom 6/4: 65W (25kW), 90W (12kW), 100W (25kW), 90W (12kW), 55W (4kW)
- **Gain**: GMX Fantom 6/4: Up to 92dB
- **Rotation Speed (revolution/min)**: GMX Fantom 6/4: 24 & 48
- **Horizonatl beamwidth**: GMX Fantom 6/4: 1.25°
- **Maximum/Minimum range**: GMX Fantom 6/4: 72 NM / 20 m (2524/624/424)

**AIS & VHF**

| AIS 600 | AIS 300 | VHF 200/300 | VHF 210 AIS | VHF 210 | VHF 110 |

- **Transmit Power**: AIS 600: 30W, AIS 300: 20W
- **Gain**: VHF 200/300: Up to 91dB, VHF 210: Up to 91dB
- **Rotation Speed (revolution/min)**: VHF 200/300: 24 & 48, VHF 210: 24 & 48
- **Horizonatl beamwidth**: VHF 200/300: 1.25°

**Wearables & Handhelds**

GARMIN.COM
### Fishfinders & Sonar

<table>
<thead>
<tr>
<th>Display size (diagonal)</th>
<th>Sonar Technology</th>
<th>Cartography &amp; Apps</th>
<th>Software &amp; Features</th>
<th>Hardware &amp; Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.7&quot;</td>
<td>CHIRP SideVü</td>
<td>Garmin Marine Network compatible</td>
<td>White line</td>
<td>Depth Controlled Gain</td>
</tr>
<tr>
<td>4.3&quot;</td>
<td>CHIRP ClearVü</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.5&quot;</td>
<td>Dual beam (77/200 kHz)</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>5.0&quot;</td>
<td>Dual frequency (50/200 kHz)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5.5&quot;</td>
<td>Flasher</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>6.48&quot;</td>
<td>Built-in Quickdraw</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7.54&quot;</td>
<td>Water temperature log/graph</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7.0&quot;</td>
<td>Maximum depth capabilities</td>
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<tr>
<td>7.53&quot;</td>
<td>Display resolution pixels (HxW)</td>
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<tr>
<td>9.0&quot;</td>
<td>Physical size in mm (HxWxD)</td>
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<tr>
<td>9.86&quot;</td>
<td>Battery life</td>
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<tr>
<td>11.35&quot;</td>
<td>Power consumption</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11.16&quot;</td>
<td>Compatible with Dual Frequency transducers</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>14.692&quot;</td>
<td>Ultrascroll</td>
<td></td>
<td></td>
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<tr>
<td>274.2 mm</td>
<td>WAAS/EGNOS compatible</td>
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### Sonar Modules

<table>
<thead>
<tr>
<th>GSD 24</th>
<th>GSD 25</th>
<th>GSD 26</th>
<th>GCV 10</th>
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</thead>
<tbody>
<tr>
<td>Display size (height)</td>
<td>215 x 40 x 26 mm</td>
<td>192 x 60 x 21,5 mm</td>
<td>182 x 60 x 21,5 mm</td>
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<tr>
<td>Water depth</td>
<td>150 m</td>
<td>150 m</td>
<td>150 m</td>
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<tr>
<td>Water-resistant according to standard</td>
<td>IPX7</td>
<td>IPX7</td>
<td>IPX7</td>
</tr>
<tr>
<td>Waterproofing</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>Internal memory</td>
<td>64 MB</td>
<td>32 MB</td>
<td>No</td>
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<tr>
<td>Number of track points</td>
<td>10,000</td>
<td>20,000</td>
<td>10,000</td>
</tr>
<tr>
<td>Number of waypoints</td>
<td>1,000</td>
<td>10,000</td>
<td>1,000</td>
</tr>
<tr>
<td>TracBack function</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Area calculation</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Basemap, preprogrammed map</td>
<td>No</td>
<td>Worldwide basemap</td>
<td>No</td>
</tr>
<tr>
<td>Battery life</td>
<td>up to 20 hours (GPS training mode), up to 50 hours (UltraTrac mode), up to 6 weeks (watch mode)</td>
<td>20 hours (2 AA)</td>
<td>50 hours (AA batteries)</td>
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<tr>
<td>Power supply (external)</td>
<td>No</td>
<td>8-36 V</td>
<td>8-36 V</td>
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<tr>
<td>Area waypoints</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Calendar for hunting/fishing times</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>WAAS/EGNOS compatible</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>WAAS/EGNOS compatible</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Internal electronic compass</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Integral barometric altimeter</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>发展历程</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Automatic route calculator</td>
<td>No</td>
<td>Yes, with City Navigator</td>
<td>No</td>
</tr>
<tr>
<td>Calendar for hunting/fishing times</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>Solar &amp; lunar calendar</td>
<td>Yes</td>
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<td>Yes</td>
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<tr>
<td>Area waypoints</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Area calculation</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Basemap, preprogrammed map</td>
<td>No</td>
<td>Worldwide basemap</td>
<td>No</td>
</tr>
<tr>
<td>Battery life</td>
<td>up to 16 hours (lithium-ion); up to 20 hours (NiMH)</td>
<td>up to 16 hours (lithium-ion); up to 20 hours (NiMH)</td>
<td>up to 16 hours (lithium-ion); up to 20 hours (NiMH)</td>
</tr>
<tr>
<td>Weight</td>
<td>221 g</td>
<td>222 g</td>
<td>195 g</td>
</tr>
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</table>

### Handhelds & Wearables

<table>
<thead>
<tr>
<th>quatix 5</th>
<th>GPSMAP 256Cx</th>
<th>GPS 73i</th>
<th>GPSMAP 78u/98i</th>
</tr>
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<tbody>
<tr>
<td>Receiver</td>
<td>Highly sensitive</td>
<td>Highly sensitive</td>
<td>Highly sensitive</td>
</tr>
<tr>
<td>Number of waypoints</td>
<td>1,000</td>
<td>10,000</td>
<td>1,000</td>
</tr>
<tr>
<td>Internal map memory</td>
<td>64 MB</td>
<td>8.0 GB</td>
<td>6.5 GB</td>
</tr>
<tr>
<td>Number of routes</td>
<td>33</td>
<td>250</td>
<td>50</td>
</tr>
<tr>
<td>Basemap, preprogrammed map</td>
<td>Yes</td>
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</tr>
<tr>
<td>Additional map options</td>
<td>No</td>
<td>City Navigator maps, topo, 24K, 100K</td>
<td>No</td>
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<tr>
<td>Battery life</td>
<td>up to 50 hours (lithium-ion)</td>
<td>up to 20 hours (NiMH)</td>
<td>15 hours on 4 AA batteries</td>
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<tr>
<td>Display size</td>
<td>1.3&quot; (3.3 cm) diagonal</td>
<td>2.4&quot; (6 cm) diagonal</td>
<td>2.4&quot; (6 cm) diagonal</td>
</tr>
<tr>
<td>Display type</td>
<td>TFT (transmissive)</td>
<td>TFT (transmissive)</td>
<td>TFT (transmissive)</td>
</tr>
<tr>
<td>Screen resolution</td>
<td>160 x 128</td>
<td>320 x 240</td>
<td>320 x 240</td>
</tr>
<tr>
<td>Standard GPS antenna</td>
<td>EXO&quot; antenna</td>
<td>Internal</td>
<td>Internal</td>
</tr>
<tr>
<td>Weight</td>
<td>Silicone band: 85 g</td>
<td>Metal band: 185 g</td>
<td>64.5 g (bluetooth / Wi-Fi)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>79.9 x 43.0 x 10.795 mm</td>
<td>120 x 66 x 30 mm</td>
<td>152 x 66 x 30 mm</td>
</tr>
<tr>
<td>Internal memory</td>
<td>16 GB</td>
<td>8.0 GB</td>
<td>No</td>
</tr>
<tr>
<td>Number of track points</td>
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<td>20,000</td>
<td>10,000</td>
</tr>
<tr>
<td>Number of waypoints</td>
<td>1,000</td>
<td>10,000</td>
<td>1,000</td>
</tr>
<tr>
<td>TracBack function</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Area calculation</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Basemap, preprogrammed map</td>
<td>No</td>
<td>Worldwide basemap</td>
<td>No</td>
</tr>
<tr>
<td>Battery life</td>
<td>up to 16 hours (lithium-ion); up to 20 hours (NiMH)</td>
<td>up to 16 hours (lithium-ion); up to 20 hours (NiMH)</td>
<td>up to 16 hours (lithium-ion); up to 20 hours (NiMH)</td>
</tr>
<tr>
<td>Weight</td>
<td>221 g</td>
<td>222 g</td>
<td>195 g</td>
</tr>
</tbody>
</table>

*Maximum depth capability is dependent on water salinity, bottom type and other water conditions.*
These schematics are for reference only and should not be used instead of the Installation Instructions provided with each component of the system. Always refer to the applicable Installation Instructions to ensure that your installation is correct.
Marine network examples

**DAY CRUISERS**

- Garmin Network
- NMEA 2000
- FUSION-Link™
- GHP™ Reactor Hydraulic
- CHIRP Traditional/ClearVu/SideVu-Transducer
- GPSMAP® 7612xsv
- VHF 300 AIS Black

**LARGE POWERBOATS**

- Garmin Network
- NMEA 2000
- Video cable
- GHS® 10 Black
- GHP™ Reactor SmartPump™
- AIS 600
- GC™ 10
- GRID™
- GMR™ 424 xHD2
- GPSMAP® 7616xsv
- Transducer

**SAILBOATS**

- Garmin Network
- NMEA 2000
- GHS®
- GHP™ Reactor Mechanical
- CHIRP Traditional/ClearVu/SideVu-Transducer
- GPSMAP® 7612
- VHF 300 AIS Black
- GHS® 20
- GNX™ 21 x 2
- GNX™ Wind
- Transducer
- DST800

**SPORT FISHING BOATS**

- Garmin Network
- NMEA 2000
- GHS® 10 Black
- GHP™ Reactor Hydraulic
- CHIRP Traditional/ClearVu/SideVu-Transducer
- GPSMAP® 7612xsv
- AIS 600
<table>
<thead>
<tr>
<th>PRODUCT PART NUMBER</th>
<th>LIST PRICE</th>
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<tbody>
<tr>
<td>GMR Fantom 6 Open Array 010-01365-00 $5,999.99</td>
<td></td>
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<tr>
<td>GMR Fantom Dome 18 010-01706-00 $1,999.99</td>
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</tr>
<tr>
<td>GMR 2524 xHD2 Kit, 4ft Open Array &amp; 25KW Pedestal K10-00012-15 $8,199.99</td>
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</tr>
<tr>
<td>GMR 624 xHD2 Kit, 4ft Open Array &amp; 6KW Pedestal K10-00012-09 $4,799.99</td>
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<tr>
<td>GMR 24 xHD Marine Radar 010-00960-00 $2,399.99</td>
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<tr>
<td>ECHOMAP Plus 94sv, US BlueChart g2 - w/o transducer 010-01902-00 $849.99</td>
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<tr>
<td>GPSMAP 7616 J1939, US LakeVü HD &amp; US BlueChart g2 010-01402-11 $5,199.99</td>
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<tr>
<td>GPSMAP 7610xsv J1939, US LakeVü HD &amp; US BlueChart g2 010-01306-13 $2,499.99</td>
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<tr>
<td>GPSMAP 7610 J1939, US LakeVü HD &amp; US BlueChart g2 010-01306-11 $2,299.99</td>
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<tr>
<td>GPSMAP 7607xsv J1939, US LakeVü HD &amp; US BlueChart g2 010-01379-13 $1,299.99</td>
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<tr>
<td>GPSMAP 1242xsv with transducer, U.S. LakeVü HD and U.S. BlueChart g2 010-01741-11 $2,799.99</td>
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<tr>
<td>GRID Garmin Remote Input Device 010-01024-00 $399.99</td>
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<tr>
<td>GMR 624 xHD Marine Radar 010-00960-00 $2,399.99</td>
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<tr>
<td>AIS 300 010-00892-00 $499.99</td>
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<tr>
<td>Class B Drive Unit (for sailboats with up to 79,000lb of displacement) 010-11573-00 $3,099.00</td>
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<td>Class A Drive Unit (for sailboats with up to 28,500lb of displacement) 010-11572-00 $2,049.99</td>
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<td>1.2-Liter Pump Kit, fits Verado, 1-2 outboards under 400hp total 010-11098-00 $1,099.99</td>
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<tr>
<td>Reactor 40 - Steer-by-Wire Corepack for Viper 010-00705-88 $6,796.99</td>
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<tr>
<td>Reactor 40 - Hydraulic with SmartPump Corepack 010-00705-69 $4,099.99</td>
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<td>Reactor 40 - Hydraulic Corepack 010-00705-19 $2,049.99</td>
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<tr>
<td>Compact Reactor 40 - Hydraulic Autopilot with GHC 20 and Shadow Drive 010-00705-08 $1,999.99</td>
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<tr>
<td>SteadyCast Heading Sensor 010-11417-10 $149.99</td>
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<td>VIRB Ultra 30 010-01529-03 $399.99</td>
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<tr>
<td>Glo (Bluetooth GPS) 010-01055-15 $99.00</td>
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<tr>
<td>GPS 19x HVS 010-01010-00 $199.99</td>
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<tr>
<td>GMS 10 Network Port Expander (Network Device) 010-00351-00 $249.99</td>
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<tr>
<td>GC 10 Marine Camera, PAL Standard Image 010-11372-02 $499.99</td>
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<td>GFS 10 Fuel Sensor 010-00671-00 $199.99</td>
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<tr>
<td>NMEA 2000 Starter Kit 010-11442-00 $99.00</td>
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<td>Garmin Marine Network Adapter 010-11929-01 $499.99</td>
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<td>NMEA 2000 Starter Kit 010-11442-00 $99.00</td>
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<td>Garmin Marine Network Adapter 010-11929-01 $499.99</td>
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<tr>
<td>Garmin Marine Network Adapter 010-11929-01 $499.99</td>
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</table>
SUPPORT / SERVICE

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.

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

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.

U.S. 913-397-8200 • U.S. Toll-free: 800-800-1020 • Canada: 866-429-9296

support.garmin.com

Mon–Thurs: 8am – 8pm (CST) • Fri: 8am – 5pm (CST) • Closed Holidays

Garmin International, Inc. - 1200 East 151st Street, Olathe, KS 66062
U.S. 913-397-8200 • U.S. Toll-free: 800-800-1020