The unique quatix marine watch provides all the features of a navigating handheld conveniently strapped to your wrist. Designed for avid mariners of all types, from fishermen pursuing bass to billfish, to canoeists and kayakers, to big sail and power boaters with a 5ATM water rating, quatix is a high-sensitivity GPS navigator marine watch – the only GPS-enabled device in existence to provide as broad a range of marine navigation features, remote control of Garmin equipment, such as VIRB® action cameras, and streaming NMEA 2000® data to a marine watch. Since quatix is equipped with both ANT™ capabilities and Bluetooth® technology, you can easily share tracks, waypoints and routes wirelessly with other compatible Garmin GPS devices and smartphones. You can also plan your trip at home or on a compatible Apple® device with the BlueChart® Mobile app or HomePort™ marine planning software for Windows® and Mac® and download it to quatix.

- High-sensitivity, GPS-enabled marine watch with altimeter, barometer and 3-axis compass
- Preloaded worldwide basemap
- Temperature sensor
- Automatic MOB detection
- 5 ATM water rating
- Waterproof to 50 meters
- Sail racing features include:
  - Virtual starting line
  - Tack assist
  - Countdown timer with large, easy to read digits
- Tide charts with detailed data for over 3,400 locations
- Change course with Garmin marine autopilot remote control capabilities
- Stream NMEA 2000® data such as depth, speed, water temperature
- Wirelessly connect with new iPad®, iPhone® 5 and iPhone 4s using BlueChart® Mobile app
- Share waypoints, routes and tracks with compatible Garmin watches and handhelds
- Remote control capabilities with new VIRB action camera
- Detailed tide data
- Marine data fields (COG, SOG, VMG, etc)
- Alerts (anchor drag, off course, speed)
- Watch functions include stopwatch, alarms, chimes and vibration alerts
- Rechargeable Li-ion battery lasts up to 6 weeks in watch mode; streaming mode: 25-hrs (GPS off) or 16-hrs (GPS on)

1 Requires optional GNT™ 10 NMEA transceiver, sold separately. iPhone and iPad are trademarks of Apple Inc., registered in the US and other countries. App Store is a service mark of Apple Inc.
Catch all the excitement with VIRB, our true HD 1080p action camera. VIRB combines uncompromising durability, enhanced HD video recording, and easy-to-use features. Its built-in 1.4" Chroma™ color display stays on when the camera is on, but uses minimal power. The display lets you easily setup shots, playback video, and adjust menu settings without detaching the camera from its mount. To start filming, you simply move the oversized slide switch forward. Record at 1080p for up to 3 hours with the rechargeable lithium-ion battery. And video enhancement features like digital image stabilization and Lens Distortion Correction ensure footage looks great, even before you start editing. Attach a video cable to VIRB to watch the action on your compatible chartplotter.

Montana® Marine Bundle

No matter the setting – boat, car, RV, or ATV – Montana is right at home. The Montana marine bundle includes detailed BlueChart® g2 offshore maps for the U.S. Realistic navigation features show everything from shaded depth contours and coastlines to spot soundings, navaids, port plans, wrecks, obstructions, intertidal zones, restricted areas and IALA symbols. All of which looks great on the large 4” screen. The included marine mount includes an integrated power cable and tilts/swivels for optimum viewing at any angle.

UNIT FEATURES >>>

- 4” dual-orientation touchscreen display
- High-sensitivity WAAS-enabled GPS receiver with HotFix®
- Preloaded with BlueChart g2 for the U.S.
- Auto-compass and barometric altimeter
- Marine mount, USB cable
- Rugged and waterproof
- 3.5mm audio jack
- Wirelessly share routes, tracks, waypoints and more between compatible units
- microSD™ card slot to load additional maps
- High-speed USB and serial interfaces
- AC charger
- Includes rechargeable Li-ion battery pack, but can also use replaceable 3 AA batteries

There’s no app for float.

GPSMAP® 78, 78s & 78sc

If you need a high-performance marine-friendly handheld that floats, look to our GPSMAP 78 series. These units offer high-sensitivity GPS receivers with HotFix™ in a modern contemporary design. They feature bright, sunlight readable, color displays and can save up to 2,000 waypoints/favorites/locations and up to 200 routes. The GPSMAP 78 and 78s come preloaded with a worldwide shaded-relief basemap. The GPSMAP 78sc is preloaded with U.S. coastal marine charts. All support Garmin Custom Maps, BirdsEye Satellite Imagery, and have a NMEA 0183 serial interface, plus a dedicated MOB (man-over-board) button. And it floats.

UNIT FEATURES >>>

- 4” dual-orientation, sunlight-readable display with durable mineral glass for multi-touch interface
- Android operating system to get Android apps on Google Play™
- 8 MP autofocus camera and 1080p HD video w/automatic geotagging, LED flash/torch
- Unique 3D MapMerge capabilities lets you blend several maps and 3D for a unique viewing experience
- 8 GB of internal memory and microSD™ card slot
- Rugged and water-resistant (IPX7)
Our goal is to make your time on the water as pleasant and enjoyable as possible. So we make highly complex, powerful technology that’s extremely easy to use. So it simply does what you need it to do. That’s the power of simple.

**A SENSIBLE MENU**

You probably already know how to use a Garmin chartplotter. It’s that intuitive. Just turn it on and you can quickly follow the simple menu. In fact, all Garmin products are designed to be powerfully simple to use.

**SIMPLIFIED NAVIGATION**

Everything is at your fingertips to quickly and easily plan your route and set your course. You will venture out with added confidence and so can your crew and guests.

**HELPFUL SUPPORT**

Garmin staffs, maintains and trains our own product support team so you always have knowledgeable, helpful support and advice available when you need it.
Garmin marine products are designed to work simply and to work together beautifully. So Garmin chartplotters work with Garmin radar and Garmin autopilots and Garmin maps and charts, and on down the Garmin line. We also build in unique capabilities, such as being able to control a Garmin chartplotter and autopilot with the unique Garmin quatix™ marine navigation watch. And our BlueChart Mobile 2.0 app that allows you to acquire weather through a cellular-based Apple device and stream that weather onto your chartplotter screen.
CHIRP Sonar

Standard Sonar

Standard sonar sends 1 single frequency at a time. Since the only feedback is from this 1 single frequency, there is little information to work with, limiting the clarity and resolution available with standard sonar.

CHIRP Sonar

Instead of sending just 1 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.

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.

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.

Improved target resolution enables you to actually see individual baitfish separately.

A sweep of tones delivers more data, providing a much higher resolution, clearer depiction of targets on screen.

CHIRP has the sensitivity to differentiate between subtle differences to create a clearer image of what’s below.

Improved target resolution enables you to differentiate between big fish and tight clusters of baitfish.

CHIRP doubles the power put on the target.

And it goes really deep.
Garmin echo™ fishfinders, echoMAP ™ and GPSMAP ® combo chartplotters are available in versions with built-in advanced HD-ID™ sonar plus Garmin DownVü™ and SideVü™ scanning sonar providing the clearest scanning sonar images on the water. We even added our popular Garmin CHIRP sonar capabilities to our new GPSMAP models, including CHIRP DownVü and SideVü scanning sonar. The GCV 10 Scanning Sonar Module makes it possible to add Garmin DownVü and SideVü scanning sonar with CHIRP technology to some earlier units equipped only with HD-ID™ sonar. CHIRP sonar technology puts more power, more energy into the water and onto targets. That added sonar power greatly enhances small target detection, target separation, and image resolution. You can actually distinguish between small baitfish and game fish. You can also tell the difference between hard and soft bottom.

And, as usual, we made our new products with scanning sonar incredibly easy to install, easy to understand and seriously easy to use. That’s the power of simple. Visit www.garmin.com for updated device compatibility information.

**ClearVü™ Scanning Sonar**

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

**Dynamic Range**
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.

**DownVü**
This high-frequency sonar gives you a clearer picture of what’s below your boat, by producing a more detailed representation of objects, structure and fish. DownVü 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.
Patented Garmin Auto Guidance was the first automatic guidance navigation aid of its kind and now Auto Guidance 2.0 is even more unique to boating. Available when you upgrade your maps to Garmin LakeVü™ HD Ultra or BlueChart® g2 Vision™, Auto Guidance 2.0 creates a visible path you can follow, designed for your boat’s specification helping you avoid charted hazards and obstructions right to your destination. With Auto Guidance 2.0, you get all the features of our original Garmin Auto Guidance plus many more including the ability to adjust your Auto Guidance path, review hazards along your path, calculate arrival times and save Auto Guidance paths for future navigation.

FUSION-Link™ is regarded as the industry standard for entertainment integration. It allows your compatible Garmin chartplotter or combo the ability to integrate with, and utilize specialized FUSION entertainment functionality, creating a centralized control station for the entire vessel and a more user-friendly experience.

We have improved our proprietary software used to interpret sonar data returns with Garmin exclusive HD-ID target tracking technology to provide even crisper fish arches, improved structure detail, and better separation of images.

FUSION-Link™ is regarded as the industry standard for entertainment integration. It allows your compatible Garmin chartplotter or combo the ability to integrate with, and utilize specialized FUSION entertainment functionality, creating a centralized control station for the entire vessel and a more user-friendly experience.

FUSION-Link™ is regarded as the industry standard for entertainment integration. It allows your compatible Garmin chartplotter or combo the ability to integrate with, and utilize specialized FUSION entertainment functionality, creating a centralized control station for the entire vessel and a more user-friendly experience.
Simple Improvements

The already easy-to-use Garmin interface has been simplified and improved even further. The improved Home Screen gives you easy access to your most often used items – Favorites, Functions, Combos and SmartModes™. You can now also resize panes and auto-hide the menu bar to use the full touchscreen. When powering on the unit, it can return to the last function or screen layout you were using prior to turning off the unit. And you also have added gauge range improvements.

Digital Switching

A full digital switching system gives you full one-touch helm control of AC mains, charge inverter, and virtual devices on the GPSMAP® 8000/7600/7400 Series. You can power up your boat while away from the dock. Switch on pumps. Control lights even underwater lights. Nearly all of your controls are available right at your fingertips either at the helm, or programmed into a remote key fob, or an app on your tablet.

Shadow Drive

Garmin Shadow Drive technology provides the security of knowing you maintain control even when your autopilot is engaged. The Shadow Drive system automatically disengages the autopilot if the helm is turned, giving you the freedom to maneuver the boat. The autopilot automatically re-engages when you hold a steady course. Simple.

Dual Radar

Provides redundancy and the ability for each display unit on the boat to select data from one of two different radar sources.
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 and video surveillance, 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 impressive. 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.

You’ll find examples of networks in the Specification section on page 116.

Mounting Options

Quick-Release Mount

Some models feature the added security of a quick-release bail mount. Cords plug directly into the mount allowing you to quickly install and remove your device from power and mount.

Bail mount Mount

Expand your options for mounting your chartplotter. Bail mount allows you to install your chartplotter on any flat surface of your boat.

Flush Mount

A low-profile flush mount is easy to position and suits most flat surfaces in your boat.

Flat mount

The unique flat-mounted option makes the display a part of the dash. No edges or visible covers, just a beautiful clear glass screen.

Kayak Mount

Designed to work with all current echo and echoMAP dv products. Provides a versatile, easy-to-install mounting solution. Compatible with Garmin HD-ID™ traditional sonar and DownVu scanning sonar transducers.
<table>
<thead>
<tr>
<th>Part Number</th>
<th>UPC</th>
<th>MSRP</th>
<th>Description</th>
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<tbody>
<tr>
<td>010-12087-00</td>
<td>753759128012</td>
<td>$99.99</td>
<td>All-in-one 77/200 kHz HD-ID and DownVü Sonar Module</td>
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### Accessories

**GPSMAP 600 Series**

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<tr>
<th>Part Number</th>
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<tbody>
<tr>
<td>010-12008-00</td>
<td>Marine network cable, 20-pin, 10m</td>
<td>$59.99</td>
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<tr>
<td>010-12009-00</td>
<td>Marine network cable, 20-pin, 20m</td>
<td>$139.99</td>
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<tr>
<td>010-12010-00</td>
<td>Cable coupler, marine network, 10m</td>
<td>$29.99</td>
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**GPSMAP 7000 / 8000 Series**

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<tr>
<td>010-12129-00</td>
<td>Flush Mount Kit, 800 series</td>
<td>$14.99</td>
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<tr>
<td>010-12125-00</td>
<td>Trim Piece Snap Cover, 800 series</td>
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<tr>
<td>010-12127-00</td>
<td>Bail Mount, 800 series</td>
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**Chartplotters**

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<tr>
<th>Product Line</th>
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<tbody>
<tr>
<td>GPSMAP 7400 Series</td>
<td>7400 x 12</td>
<td>$699.99</td>
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<tr>
<td>GPSMAP 7200 Series</td>
<td>7200 x 12</td>
<td>$599.99</td>
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<tr>
<td>GPSMAP 7100 Series</td>
<td>7100 x 12</td>
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**Sonar Modules**

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<tr>
<td>GT21 Series</td>
<td>GT21-TH, 8-pin, Trad/DV, 260/455 kHz, Thru Hull</td>
<td>$449.99</td>
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<tr>
<td>GT40 Series</td>
<td>GT40-TM, Trad/DV, 455/800 kHz, Transom</td>
<td>$249.99</td>
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<tr>
<td>GT41 Series</td>
<td>GT41-TH/41-THP, Trad/DV/SV, 260/455/800 kHz, Thru Hull</td>
<td>$749.99</td>
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**Communication**

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<tbody>
<tr>
<td>Garmin Direct Draw</td>
<td>All Garmin Marine Devices</td>
<td>$199.99</td>
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<tr>
<td>Garmin Pilot</td>
<td>All Garmin Marine Devices</td>
<td>$49.99</td>
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**SD Card**

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<tr>
<td>SD-800 Series</td>
<td>SD Card, 800 Series</td>
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**Wearable & Apps**

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<th>Product Line</th>
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<tbody>
<tr>
<td>GMR 547/548/549</td>
<td>547 Series</td>
<td>$699.99</td>
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<tr>
<td>GMR 1000 Series</td>
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**Technology**

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<tr>
<td>echoMAP 42dv/43dv/44dv/45dv</td>
<td>42dv/43dv/44dv/45dv</td>
<td>$999.99</td>
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<tr>
<td>echoMAP 200 Series</td>
<td>200 Series</td>
<td>$999.99</td>
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<tr>
<td>echoMAP 200 Series</td>
<td>200 Series</td>
<td>$999.99</td>
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**Wearable & Apps**

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<th>Product Line</th>
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</tr>
</thead>
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<td>547 Series</td>
<td>$699.99</td>
</tr>
<tr>
<td>GMR 1000 Series</td>
<td>1000 Series</td>
<td>$999.99</td>
</tr>
</tbody>
</table>
If you ever have a question, a problem, need advice, or just some help installing your Garmin product, Garmin has a trained staff of technical support pros just sitting around in Olathe, Kansas waiting to hear from you. So, give them a call, or send an email. Seriously, you won’t be bothering them. They’re really not all that busy. They actually look forward to talking to you. Best part is they know all there is to know about getting you back on the water.

You have our support.

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

support.garmin.com

Mon–Thurs: 8am –6pm (CST) • Fri: 8am – 5pm (CST) • Closed Holidays

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