

# July 2021

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Boat Test E-News	Wireless Remote Control	Newsletter
Great Lakes Scuttlebutt Magazine	Remote Control Docking High-Tech Products to Protect Your Boat for the Best Season Ever	Print
Great Lakes Scuttlebutt Online	Remote Control Docking High-Tech Products to Protect Your Boat for the Best Season Ever	<a href="#">Link</a>
Marine Electronics Journal Magazine	Remote Control System in Best and Brightest Wireless Device	Print
Marine Electronics Journal Online	New Receiver in New Electronics	<a href="#">Link</a>

## Dockmate Wireless Remote Control Docking System - a Proven Product



There are a number of remote docking devices on the market but in the opinion of several BoatTEST captains, one stands out as being the Mercedes of the genre: Dockmate. It is technologically superior to other brands we have investigated. It allows the captain to leave the helm for a closer view of the surroundings and still be in complete control of the boat's movement. It's an aftermarket product that can make an old as modern as today. [Check out this video...](#)

[Learn More](#)

### Test Video

## Outer Reef 700 LRC w/Comfortable Helm



The Outer Reef 700 is a long-range cruising motoryacht and that means long stints for the captain at the helm. The folks at Outer Reef are experts at designing helm stations that are designed for comfortable management when doing long-range work. The upper station has two 17" (.43 m) displays with wind and depth displays to either side. The engine panels and gauges are in good sightlines. The

# HIGH-TECH PRODUCTS THAT HELP YOU PROTECT YOUR BOAT FOR THE BEST BOATING SEASON EVER!

By: Jordan Ballbresky



Summer is here and, after what we've all been through, this is shaping up to be the best boating season ever. The number of new boaters has skyrocketed as people from all walks of life join us in sharing our passion. For newcomers, you'll quickly learn that some parts of boating and boat ownership can be a little intimidating. Here's a short list of products that can make it easier to get on the water comfortably and help protect your investment for years to come.

SUNSTREAM SUNLIFT SLX

feature

## HOW ABOUT A LIFT?

For those lucky enough to live right on the water, avoiding the hassle of a boat ramp is key. A must-have for your waterfront property is a boat lift and an automatic cover. Sunstream has a full line of lifts that can be tailored to your particular boat and the conditions of your shoreline. The push-button lift and launch capabilities make it effortless to get in and then out onto the water, and storing your boat out of the water protects it from underwater growth.

One of Sunstream's most advanced lifts is the SunLift SLX, which features a clean design, next generation frame, adjustable width bunks, stainless steel cylinders and hoses, the highest lifting range of any hydraulic lift currently on the market, and it can be used in water depths as shallow as zero inches under the hull or skeg. Sunstream, which introduced the first

hydraulic free-standing boat lift 25 years ago, applied vast market experience to craft the SunLift SLX, making it reliable and long-lasting. The new product line is compatible with the complete line of Sunstream SwiftShield Automatic Boat Covering Systems that automatically install and remove a custom cover in seconds for unparalleled protection, as well as a full line of canopies.

## CONFIDENCE IN THE PALM OF YOUR HAND!

Whether you are pulling your boat onto a lift, docking at a marina, or pulling onto a trailer, slow speed maneuvering in a crowded space is typically one of the most stressful times—and a real challenge for new boaters. A Dockmate remote control docking system completely removes the stress of slow-speed maneuvering.

Easy to install and compatible with most engine and thruster systems, remote control systems let captains operate engines, bow and stern thrusters, anchor winches, and horns from anywhere onboard with a small handheld device. Dockmate delivers "plug-and-play" connectivity and allows users to confidently command the boat's movement while stepping away from the helm for the best vantage point. Also, Dockmate's software can be programmed by the installer based on the exact set up of the boat, from single or twin engines, bow or stern thrusters with either proportional or on/off control or any combination of these, as well as the particular driving style of the captain. Settings can be customized so that, for example, a slight press on the joystick only engages one thruster and a harder push engages both thrusters for intuitive control.

July & August



## A LITTLE SECURITY GOES A LONG WAY!

From the engine on the back to the chartplotter at the helm, everything screwed or glued to a boat is precious. If damaged or stolen, not to mention the price of replacement or repair, you might find yourself spending your precious time at the boat yard instead of on the lake. One of the best ways to protect your boat is with a marine security system.

GOST makes the best security systems, trusted by owners of small center consoles to luxury yachts and even law enforcement professionals around the globe. A dedicated security system can be customized to your needs and GOST has a full suite of tools for vessel tracking, surveillance, and security and monitoring.

At its most basic, a GOST system consists of the new Nav-Tracker IDP, which provides true satellite tracking of your boat anywhere in the world—not just when you have cell reception or a Wi-Fi signal. This little device, mounted in a



GOST NAV-TRACKER IDP

discrete location, allows for two-way satellite monitoring controlled via a web-based system that can arm and disarm security and monitoring features in seconds, again, from anywhere in the world. From there, a GOST system can be enhanced with more powerful communication and control units, as well as high water, low battery, smoke and fire alarms; pressure and motion sensors that can trip audible alarms and strobes; night vision cameras for recording the faces of would-be

thieves; and you can set up text and email notifications to include anyone you want like marina managers, service technicians, or onsite security.

## KEEP IT SMOOTH!

There's one final product line that will help you have a great boating season and help your boat stay in top shape season after season.

With an ultra-slick topcoat, PropSpeed's product line is specially formulated to prevent marine growth from bonding to metal surfaces below the waterline, particularly on propellers, propeller shafts, rudders, and rigging. Unlike bottom paint, it's environmentally friendly and proven to increase boat efficiency, reduce drag, and save fuel and maintenance costs. PropSpeed has also applied their expertise to other underwater assets to protect transducers and lighting.

Fouling on the face of transducers reduces their sensitivity, bottom-echo returns, and positive fish targets. Designed by industry-leading engineers

and designated by Airmar as a certified transducer coating, Foulfree forms a super-slippery surface over the transducer that prevents marine growth from attaching to its surface.

For those that use their boats beyond daylight hours, underwater lights are just as susceptible to marine fouling as any other underwater asset—maybe more so, as the light and heat they generate can create conditions better suited for marine growth. Trying to remove algae and barnacles can damage delicate lighting components. Lightspeed is a transparent alternative to conventional antifouling and offers an easy and affordable way for boat owners to reduce maintenance and maintain lighting system performance.

Regardless of whether you're a sailor, angler, cabin cruiser, new to boating or have been on the water for decades, decide the best way to protect your investment and keep it in top shape so you can enjoy this summer. Make this the best boating season ever! ⚓



PROPSPEED

A former public relations practitioner serving the high-tech and consumer electronics industries, Jordan Balbresky returned to the agency world following a decade of hands-on marine experience. Living in the Caribbean and working in all aspects of the marine industry—from boat building, restoration and maintenance, to charter captain and delivery crew of sailing and motor yachts—Balbresky has a first-hand understanding of the outdoor and maritime markets. Fully immersing himself in the industry, he is a licensed scuba instructor, as well as master mariner and has lived on-board a custom-built schooner while skipping charters on boats of all sizes in the US Virgin Islands. In between articles, he works as a public relations and social media professional and enjoys fly fishing every chance he can.



## High-Tech Products that Help You Protect Your Boat for the Best Boating Season Ever!

**Published:** Monday, July 5, 2021

**By:** Jordan Balbresky

Summer is here and, after what we've all been through, this is shaping up to be the best boating season ever. The number of new boaters has skyrocketed as people from all walks of life join us in sharing our passion. For newcomers, you'll quickly learn that some parts of boating and boat ownership can be a little intimidating. Here's a short list of products that can make it easier to get on the water comfortably and help protect your investment for years to come.

How about a lift?

For those lucky enough to live right on the water, avoiding the hassle of a boat ramp is key. A must-have for your waterfront property is a boat lift and an automatic cover. [Sunstream](#) has a full line of lifts that can be tailored to your particular boat and the conditions of your shoreline. The push-button lift and launch

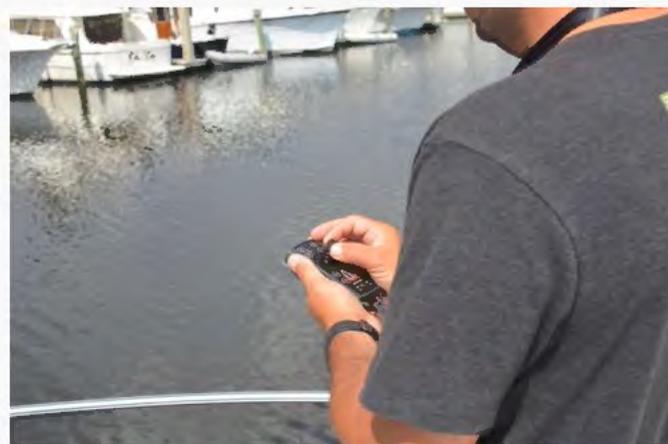


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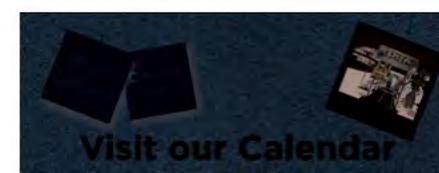
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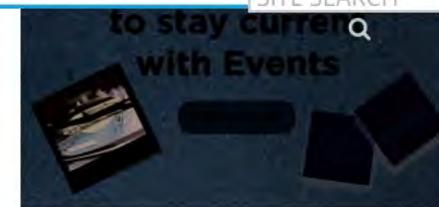
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About the Author





# WIRELESS DEVICE

## Aigean LD-7000ac

Five years ago, Aigean Networks introduced the industry's first high-power dual-band Wi-Fi bridge. The LD-7000ac is the most capable addition to the Aigean Wi-Fi line. Boasting six internal high-efficiency antennas in a single package, it equips any size or type of vessel with unparalleled ship-to-shore Wi-Fi capability. The 7-inch, low-profile and weatherproof fiberglass dome is secured to a hard-anodized aluminum base which screws onto a standard 1-inch-14 antenna mount. With six antennas, the LD-7000ac is capable of 3x3 multi-in multi-out and supports 802.11ac for maximum speed. A gigabit power-over-Ethernet connection provides both power to the device and data to your network, making installation a snap. Running the latest AigeanOS, configuration and operation are easier than ever before.



★ [www.aigean.com](http://www.aigean.com)



## Airmar DST810

Airmar's new, breakthrough DST810 Smart Multisensor combines advanced sailing data capabilities with a simple, reliable way to calibrate accurate speed via Bluetooth-enabled smart devices. In addition to delivering water depth, temperature and an upgraded 5-Hz (5X per second) speed through water output, the new DST810 features an integrated attitude sensor for heel and trim data.

That data, together with Airmar's simple calibration tool, the CAST app, makes heel-compensated speed calibration fast, intuitive, and independent of onboard instruments. CAST connects directly to DST810 via Bluetooth, making configuration simple with intuitive menus and guided calibration. Those data configurations and calibrations are then stored in the DST810, delivered to the NMEA 2000 network, and can be accessed wirelessly as well.

★ [www.airmar.com](http://www.airmar.com)



## B&G H50

Combining impressive range with inductive charging for flexible communications at and away from the chart table, the compact B&G H50 wireless VHF handset features a powerful speaker, integral AIS vessel display, ergonomic rubber over molding and six keys, including a dedicated channel 16 and MOB button for reliable contact wherever you are onboard. The H50 can also function as an intercom at a range of 200 meters from handset to handset and is waterproof to the IPX-7 standard. The H50 battery will normally last eight hours.

★ [www.bandg.com](http://www.bandg.com)

## Dockmate

The new Dockmate remote control system wireless receiver includes a modernized look and rugged design that is fully compatible with all electronic engine and thruster controls. The receiver is made of aluminum, waterproof to IP67 rating and measures 9 x 8 x by 3 inches. Each receiver integrates the proprietary communications protocol DockLink, a superior, state-of-the-art two-way FHSS (Frequency Hopping Spread Spectrum) communication with handshake and GFSK (FM) modulation on the 433-MHz frequency band in North America. FHSS means that every Dockmate uses a unique set of six channels in the entire band of 72 channels, and changes from one frequency to another 6x per second. The Dockmate signal reaches up to 165 feet, which the company says is the longest range in the industry.



★ [www.dockmate.us](http://www.dockmate.us)

Home > Blog

## New electronics: live sonar, small-boat satcom, docking remote & more

7/6/2021

*With the summer boating season in full flower, manufacturers are stepping up their game rolling out new electronics and other equipment they hope boaters can't live without. Here's a sampling:*

### Satcom antenna targets smaller boats

Intellian has rolled out the **v45C**, the smallest antenna the company has yet developed for the maritime satellite communications market. The new 45-centimeter unit will bring VSAT to new markets where there is limited space for communications equipment, such as recreational craft, workboats, fishing boats, and small commercial and government vessels.

Both the v45C and the v60E, launched last year, draw on the advanced technology developed for Intellian's NX Series antennas, which range in size from 85 to 150 centimeters. Installation is straightforward by single-cable, dome-on connection, while commissioning is facilitated by the built-in, browser-based AptusNX antenna management and diagnostics software. This enables the installer to follow a simple wizard to get the system up and running, and permits both local and remote diagnostics.

Intellian says the smaller antennas have been made possible through innovative design and the introduction of new high-throughput (HTS) satellite technology by multiple network operators. HTS satellites use spot beam technology to deliver focused, high-power service to smaller areas. This enables frequency re-use across the satellite's coverage area and reduces cost, and for service providers means that a small antenna can deliver connectivity and performance at reasonable cost to the customer.



### ActiveTarget displays live action in three modes

Lowrance's new high-resolution **ActiveTarget Live Sonar system** reveals live-action views of fish moving in and around structure as they respond to lure presentations. This new technology delivers top-of-the-line live sonar functionality to the high-resolution HDS LIVE Ultimate Fishing System, as well as HDS Carbon and Lowrance's recently introduced Elite FS displays, providing ActiveTarget Live Sonar connectivity with a wider range of displays and pricing options.



ActiveTarget views show high-resolution images of fish movements in real time and in great detail. With this immediate feedback, anglers can adjust the presentation to trigger a strike, and also know if more than one predator fish is active in the area.

Offering three viewing options, ActiveTarget can be set to Forward, Down or Scout mode. Forward and Down views allow anglers to track fish in front of or below the live sonar transducer. Scout mode delivers an ultra-wide, overhead view of structure and fish activity in front of

the transducer, ideal for finding bait balls and big schools of fish.

ActiveTarget compliments Lowrance Active Imaging 3-in-1 sonar, which includes high-resolution SideScan and DownScan Imaging views for finding structure, and the target separation of Lowrance CHIRP sonar.

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## Internet antenna serves up to 24 devices

The new **Glomex weBBoat 4G Lite EVO** delivers stable, high-speed connectivity from a compact, lightweight antenna that's ideal for smaller boats with limited space. It has two 4G/3G diversity antennas, one Wi-Fi antenna and an integrated 3G/4G/Wi-Fi router. The combination creates a fast and secure hotspot that allows up to 24 unique Wi-Fi-enabled devices to be used simultaneously without signal or performance degradation. With advanced built-in switching software, the device can automatically switch from cellular data to Wi-Fi signal such as at a marina.



The weBBoat 4G Lite EVO's built-in router has one LAN port and one WAN port for network expansion. The router also has an integrated single SIM card slot in the 8x5.5-inch-diameter UV-resistant radome for adding cellular data from any US-based GSM carrier.

Three enhancements set the weBBoat 4G Lite EVO apart: automatic APN, advanced SMS and satellite passthrough. Automatic APN connects the antenna's SIM card to the carrier without user programming. Using the mobile app wizard, it will also program the country and operator. The advanced SMS function allows the device to manage Internet consumption, and read and send messages.

With the automatic satellite passthrough switching mode, the antenna connects V-SAT/SAT signals via an existing onboard router or any other available five-band satellite Internet connection. This allows it to stay connected even if the 4G signal is lost. The weBBoat 4G Lite EVO features an encrypted real-time peer-to-peer connection for remote set-up and service.

## Wireless remote control hardware

Dockmate is offering its next generation of receivers that are built with advanced hardware and communication features. **The new Dockmate receiver** includes a modernized look and rugged design that is fully compatible with all electronic engine and thruster controls. The receiver is made completely of aluminum, waterproof to IP67 rating and measures 9x8x3 inches. Installation is made easier with four outside mounting slots.

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With two-way communication between the remote (transceiver) and the receiver, the Dockmate system ensures the operator is always aware of communication status. In the unlikely event that the signal is lost, the Dockmate remote control transmitter will sound three alarms: audible (buzzer), visual (flashing light) and tactile (vibration). The receiver sports a modernized look and rugged design that is fully compatible with all electronic engine and thruster controls. It is made of aluminum, waterproof to IP67 rating and measures 9x8x3 inches. Installation is made easier with four outside mounting slots.

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