

LOWRANCE®

PRODUCT GUIDE 2013



FIND. NAVIGATE.
DOMINATE

Lowrance Product Guide - 2013

Lowrance Warranty

When you choose a product from Lowrance, you are automatically protected by a standard service and support program, which includes the following features:

- Up to two-year limited product warranty*
- Global service network for the duration of your product warranty
- Easily accessible self-help sections, Frequently Asked Questions and email support on the Lowrance website (www.lowrance.com)
- Local customer-care lines offering product information, technical assistance and warranty support by technical experts
- A seven business day replace and return policy for qualifying faulty products



In addition to these standard warranty features, Lowrance has now expanded its service offerings with the Advantage Service Program. This Program is available to all Lowrance customers and offers the most comprehensive service and support available today.

5-YEAR ADVANTAGE – 5-Year Advantage offers comprehensive support for five years, including upgrade options to current technology products.

CERTIFIED DEALER ADVANTAGE – Exceptional service, unbeatable product knowledge and professionalism – installations and information you can trust.

ONBOARD ADVANTAGE – OnBoard Advantage can be purchased as an additional coverage option, providing you with warranty service by a Certified Dealer on board your boat for the first 2 years.

SYSTEM BUILDER ADVANTAGE – A unique tool to virtually build a complete customized on board system – your dealer can create and order your ideal Lowrance system right before your eyes!

SIS ADVANTAGE – Certified Dealers provide system certification and one-on-one training with your new electronics package.

24 SWAP ADVANTAGE – 24 Swap Advantage ensures that if a qualifying product is identified as defective, you have the option to be shipped a replacement product within one business day, for an expedited-service fee.

*Subject to published warranty terms and conditions, available on www.lowrance.com

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The Powerful, New HDS Gen2 Touch Redefining Ease-of-Use.



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For wireless connectivity between HDS® Gen2 Touch, tablets and smartphones, GoFree™ Wireless offers boaters an exciting new level of navigational control.



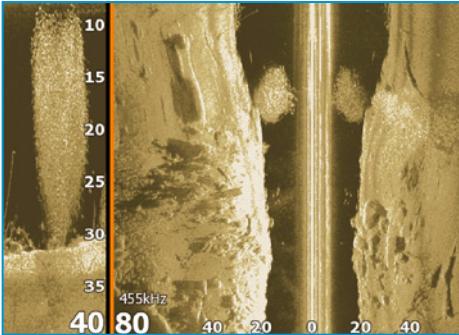
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Remarkably easy-to-use and featuring the key features boaters want at a more affordable price.



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Exclusive StructureScan® HD Sonar Imaging for HDS® multifunction displays. The only solution with dedicated side- and down-looking views..



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Experience superior navigation with the widest selection of third-party and Lowrance-exclusive mapping options.



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High-sensitivity transducers to suit your vessel, for superior performance in fishing and bottom sounding, at virtually any depth.



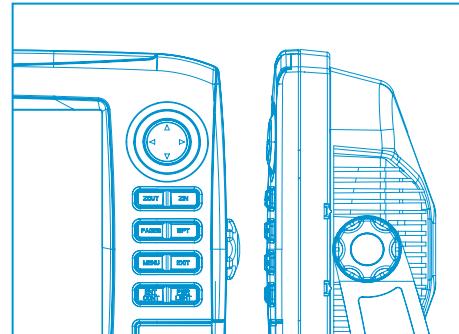
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Go-anywhere solutions for kayak- and ice-fishing enthusiasts.



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Get in touch with the unbeatable quality, features and dependability of Lowrance VHF marine communications.



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Technical information and product dimensions

NEW HDS Gen2 Touch

The Powerful, New HDS Gen2 Touch

Learn More at
Lowrance.com



Redefining Ease-of-Use

NEW! Easy-To-Use, Touchscreen Control

Unlock the power of HDS with fewer button presses, making it simple to quickly master advanced features. The first touchscreen display created with anglers in mind, it's even easy to use in rough conditions. Plus, SolarMAX™ enhancements for superior sunlight and wider-angle viewing.



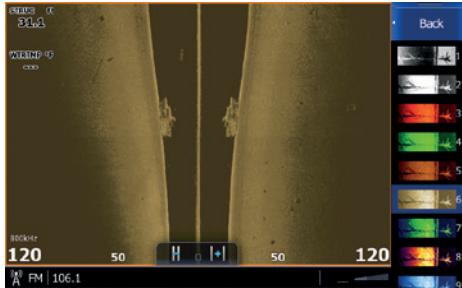
Intuitive Insight USA™ Mapping

Standard on all HDS® chartplotter models in the Americas. Contour relief shading produces a life-like presentation of underwater topography.

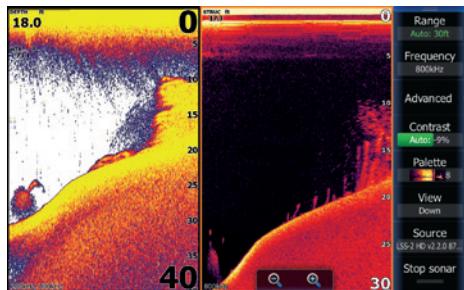


NEW! Built-in, Four-Channel Sonar Technology

Dedicated StructureScan® HD signals for left and right side views, plus DownScan Imaging™ to get the whole picture. Award-winning Broadband Sounder™ for a more complete view of structure and fish detail that's easier to interpret.



Left- and right-side views of submerged sailboat with baitfish ball.



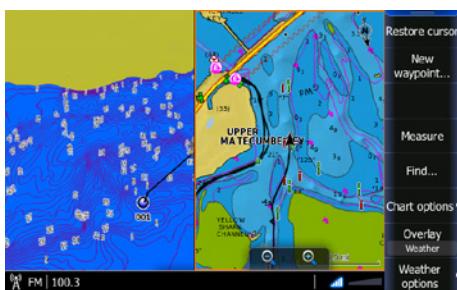
Splitscreen Broadband Sounder (left) and DownScan Imaging of walleye, weedline and baitfish ball.

NEW! Wider, Brighter Displays

Choose up to a 12-inch display for unmatched clarity and detail, or select the 7-inch, that packs amazing power into a compact package.

NEW! Introducing Insight Genesis™

Create your own map from real sonar data that you record with accurate, high-resolution 1-foot contours, bottom hardness and even weed lines.



Flexible Networking Options

Network and share data across all HDS displays for the ultimate flexibility and cost-savings. NMEA 2000®, NMEA 0183 and Ethernet-compatible with up to two Ethernet ports.





HDS-12 Gen2 Touch



Fishfinder/Chartplotter

- Brilliant 12-inch, widescreen color display
- Dual Ethernet ports and two full-sized SD card slots, and video-camera input

HDS-12 Gen2 Touch with Insight USA™ 50/200 kHz	000-10777-001
HDS-12 Gen2 Touch with Insight USA™ 83/200 kHz	000-10776-001
HDS-12 Gen2 Touch with Insight USA™ w/o Transducer	000-10775-001

HDS-9 Gen2 Touch



Fishfinder/Chartplotter

- Brilliant 9-inch, widescreen color display
- Dual Ethernet ports and two full-sized SD card slots, and video-camera input

HDS-9 Gen2 Touch Insight USA™ 50/200 kHz	000-10772-001
HDS-9 Gen2 Touch Insight USA™ 83/200 kHz	000-10771-001
HDS-9 Gen2 Touch Insight USA™ w/o Transducer	000-10770-001
HDS-9M Gen2 Touch Insight USA™	000-10767-001

HDS-7 Gen2 Touch



Fishfinder/Chartplotter

- Brilliant 7-inch, widescreen color display
- Single Ethernet ports and one full-sized SD card slots

HDS-7 Gen2 Touch Insight USA™ 83/200 kHz & SS Transducer	000-10778-001
HDS-7 Gen2 Touch Insight USA™ 50/200 kHz	000-10766-001
HDS-7 Gen2 Touch Insight USA™ 83/200 kHz	000-10765-001
HDS-7 Gen2 Touch Insight USA™ w/o Transducer	000-10764-001
HDS-7M Gen2 Touch Insight USA™	000-10761-001

Performance Upgrade Choices

Compatible with Broadband 4G™ and 3G™ Radar, LGC-4000 external GPS antenna, SonicHub® marine audio entertainment system , AIS collision-avoidance system, engine interface cables, plus video camera inputs on 9- and 12-inch models.



Advanced Memory and Waypoint Management

New "Export Region" function provides total control and customization of waypoint storage. Protects and organizes user data, and reduces processor tasks keeping HDS Gen2 Touch lightning-fast

Up to two waterproof SD card slots to load Navionics® map options, backup waypoints, routes, trails and settings, and create personalized Insight Genesis™ maps and StructureMap™ from sonar log recordings.

NEW! Wireless Connectivity (available Q1 2013)

 GoFree™ WiFi-1 module compatible via Ethernet, when combined with a GoFree Wireless app provides remote viewing and control of HDS Gen2 Touch on the iPhone, iPad and Android devices.

Confidence & Security

Protected by a Lowrance two-year limited warranty and supported by the Lowrance Advantage Service program

* Built-in StructureScan HD sonar imaging capability with HDS Gen2 Touch requires purchase of LSS-2 transducer (sold separately, except noted).

HDS Gen2

The Next Generation of The World's Top-Selling Multifunction Display

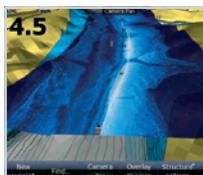
Learn More at Lowrance.com



HDS Gen2

Faster Processing Power

Lightning-fast chart updates, panning and zooming, plus faster start-up and menu operation.



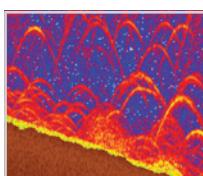
Real-time StructureMap™ Capability - StructureMap™ Overlay Feature

Allows anglers and boaters to view and create life-like underwater images of a lake, river or seafloor.



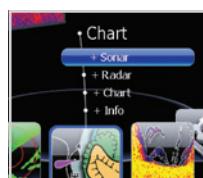
Quick Access Keys

HDS-10 and HDS-8 users can assign up to six of their favorite screens to the softkeys panel, and enjoy instant display selection and viewing with the press of one button.



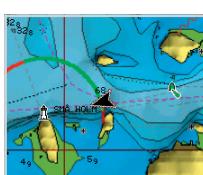
Award-winning, Built-in Broadband Sounder™

Standard on all HDS® fishfinder models. Display and mark gamefish, baitfish and structure at higher speeds and at greater depths from 1 to 3,000 feet.



Easy Operation

Special, intuitive graphic and text user interface displays are easy to grasp and speed access and control of feature functions.



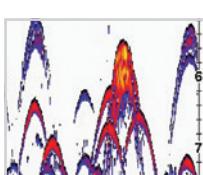
Internal GPS Antenna

Advanced Lowrance high-sensitivity GPS receiver with WAAS corrections for reliable position accuracy in navigation.



SD Media Card Port

Display Navionics® digital charting. Record/save sonar and GPS detail data as well as screen captures. Upload performance-enhancing software upgrades. The 10" and 8" models have two slots available, 7" and 5" have one slot.



SolarMAX™ Screen Technology

Exclusive SolarMAX™ displays provide the finest picture and detail – in the brightest sun, and at the widest angles – of any marine display. White LED backlighting adjusts to zero-dim for night use.



Out-of-the-Box Networking

HDS features full plug-and-play connectivity for multifunction display and performance expansion options with the versatility of dual platforms: high-speed Ethernet for data-intensive devices, plus NMEA 2000® connectivity – the latest networking standard in on board data sharing.



OPTIONAL



*Insight Genesis to be compatible with Gen2 displays with software upgrade in 2013



HDS® Gen2 Fishfinder/Chartplotter

Our second generation HDS series of fishfinder/chartplotters with built-in GPS antenna offer the exceptional performance benefits of the original HDS, the world's best selling Multifunction Display, but now with increased processor speeds and the innovative new StructureMap™ feature to enhance every boating experience.

The HDS Gen2 is our premium solution for boaters, anglers and divers who want the best fishfinding and charting available. The multi-award winning integrated Broadband Sounder™ is unbeatable in its class and will ensure you find fish in shallow, mid or deep water (5000 ft). For increased detail in shallow water you can expand your HDS Gen2 with a StructureScan® module, which will enable the unique benefits of our revolutionary StructureMap feature.

Intuitive and fast, all HDS Gen2 menu systems are simple to use and easy to understand. Adjustable screens allow you to show the exact data you require, which is further enhanced by the option of up to four split screens on one display. The HDS-10 Gen2 and HDS-8 Gen2 have the added benefit of six soft-touch keys for one-press access to your favorite data.

HDS-10 Gen2



Fishfinder/Chartplotter 10.4"

HDS-10 Gen2 Insight USA, 50/200 kHz Skimmer® transducer	000-10541-001
HDS-10 Gen2 Insight USA, 83/200 kHz Skimmer® transducer	000-10542-001
HDS-10 Gen2 Insight USA, (transducer sold separately)	000-10543-001
HDS-10 Gen2 Insight USA with StructureScan® HD Sonar Imaging	000-10871-001

HDS-8 Gen2



Fishfinder/Chartplotter 8.4"

HDS-8 Gen2 Insight USA, 50/200 kHz Skimmer® transducer	000-10536-001
HDS-8 Gen2 Insight USA, 83/200 kHz Skimmer® transducer	000-10537-001
HDS-8 Gen2 Insight USA, (transducer sold separately)	000-10538-001
HDS-8 Gen2 Insight USA with StructureScan® HD Sonar Imaging	000-10870-001

HDS-7 Gen2



Fishfinder/Chartplotter 7"

HDS-7 Gen2 Insight USA, 50/200 kHz Skimmer® transducer	000-10529-001
HDS-7 Gen2 Insight USA, 83/200 kHz Skimmer® transducer	000-10530-001
HDS-7 Gen2 Insight USA, (transducer sold separately)	000-10531-001
HDS-7 Gen2 US Basemap, (transducer sold separately)	000-10653-001
HDS-7 Gen2 Insight USA with StructureScan® HD Sonar Imaging	000-10869-001

HDS-5 Gen2

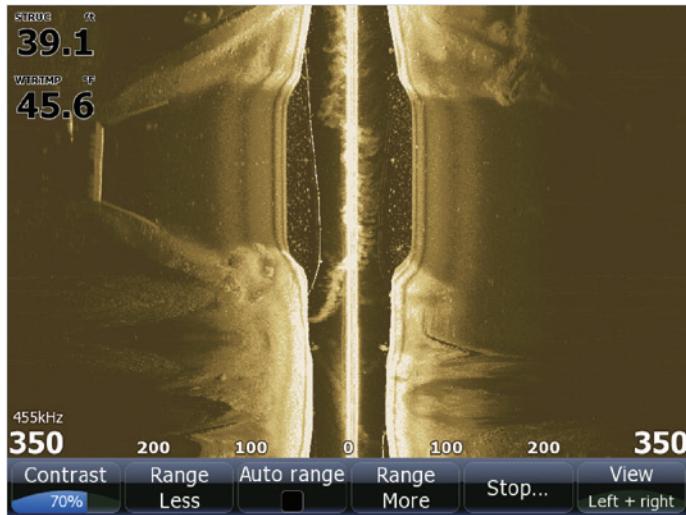


Fishfinder/Chartplotter 5"

HDS-5 Gen2 Lake Insight, 83/200 kHz Skimmer® transducer	000-10515-001
HDS-5 Gen2 Nautic Insight, 50/200 kHz Skimmer® transducer	000-10519-001
HDS-5 Gen2 Lake Insight with StructureScan® HD Sonar Imaging	000-10868-001
HDS-5m Gen2 Nautic Insight, GPS Chartplotter	000-10520-001

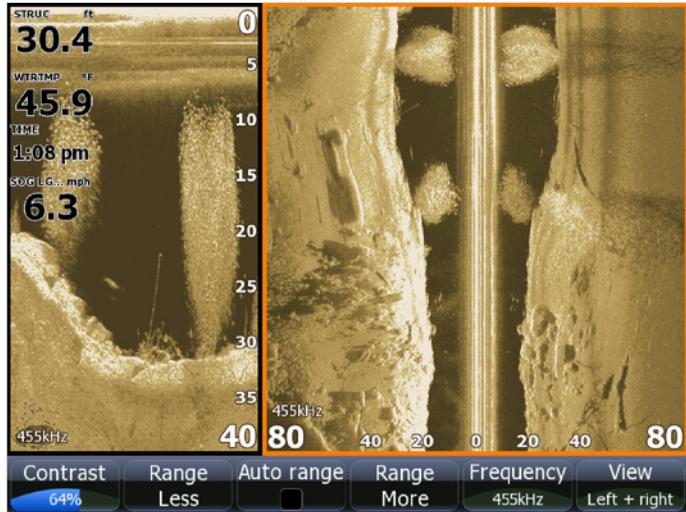
StructureScan® HD

Exclusive StructureScan® HD Sonar Imaging for HDS® multifunction displays. The only solution with dedicated side- and down-looking views.



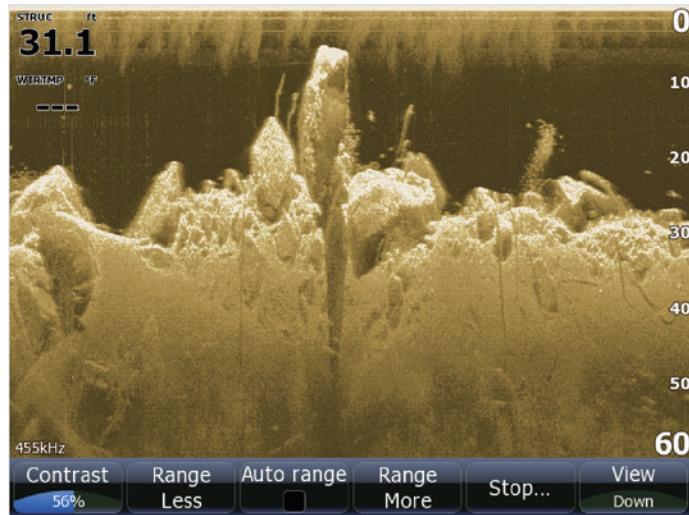
Expand your view – wider SideScan Imaging range

Crisp side-viewing StructureScan® HD detail takes you farther – with up to 600 ft/183 m of higher-resolution side-to-side coverage. Wider viewing saves you even more time and fuel in finding productive locations, revealing targets at farther distances, and with greater definition – structure, game fish and baitfish, and more.



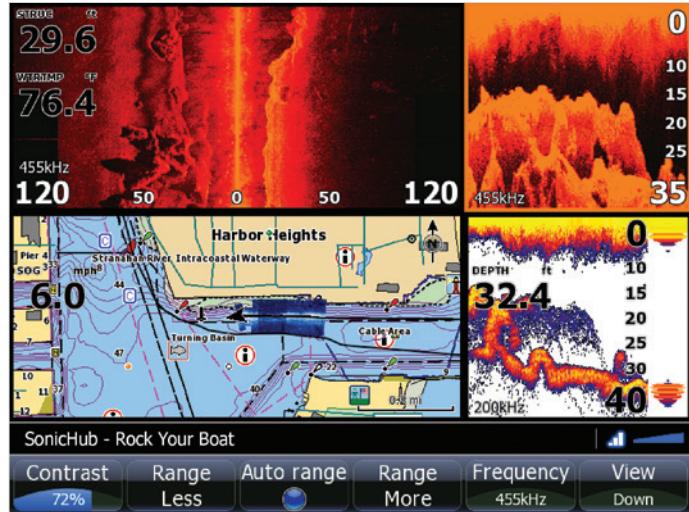
The whole picture

Enjoy full, detailed, panoramic underwater displays with combined sidescan and down-looking imaging, for a complete, wider and high-definition view of the underwater world. StructureScan® HD is the world's first and only sonar imaging system with dedicated elements for vertical and side detail.



Sharpen your view – greater resolution

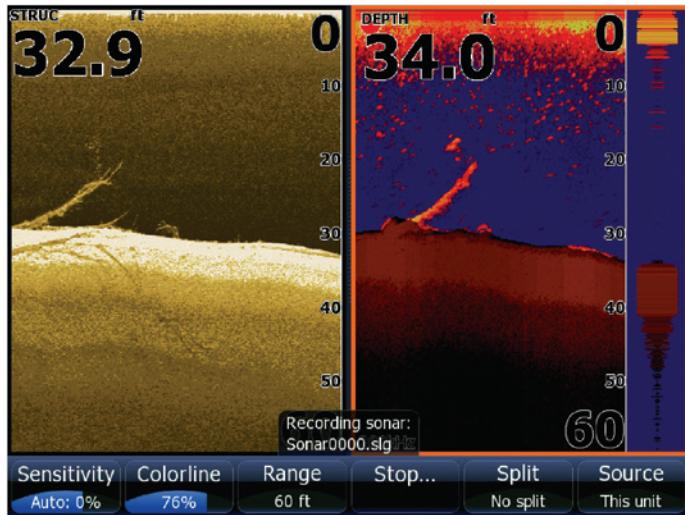
StructureScan® HD also produces an even higher level of definition straight down, with exclusive DownScan Imaging™ technology – the Lowrance innovation of dedicated sounding focused vertically beneath the boat for phenomenal viewing of structure, fish and thermoclines, with the greatest of detail.



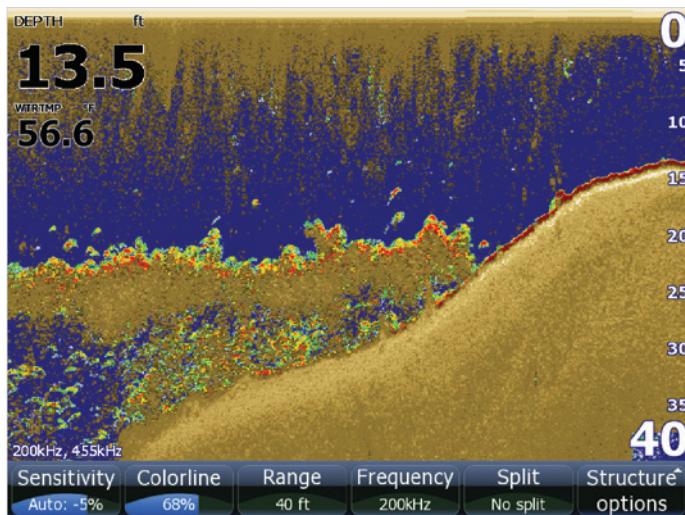
Add charting to your HDS® views for detailed navigation guidance. Save time and fuel with the TrackBack™ tool to simultaneously scroll-back in all sonar and chartplotter history displays to revisit covered water and easily set waypoints.

Enjoy a complete on-the-water picture with any combination of sonar imaging, sounder and chartplotter views in up to four screen windows on HDS® Gen2 and HDS® displays.

Learn More at
Lowrance.com



Combine sonar imaging with Broadband Sounder™ digital sonar screens for easy to interpret comparative views of structure and fish.

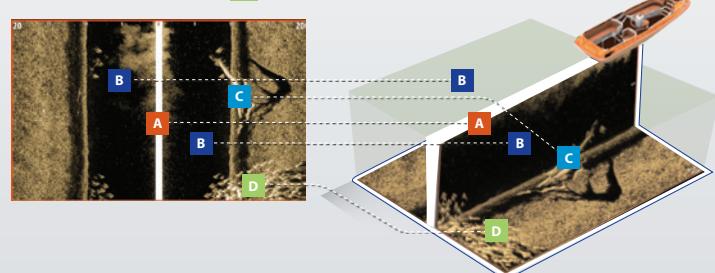


Or use DownScan Overlay™ and place sonar imaging onto Broadband Sounder recordings for a single view to expose fish targets from surrounding structure.



Understanding Lowrance StructureScan HD imaging

- | | | | |
|----------|--------------|----------|-------------------|
| A | Surface | C | Typical Structure |
| B | Water Column | D | Baitfish |



Components & networking

The StructureScan® HD system features a processing module and transducer that easily connects to HDS® Gen2 and HDS® displays via a high-speed Ethernet cable. The module features added Ethernet ports so that the StructureScan® HD system can be networked to as many as three on board displays, each with independent display and feature control.



StructureScan® HD Parts

LSS-2 StructureScan HD w/transducer (includes Skimmer®)	000-10800-001
LSS-2 StructureScan HD no transducer (module only)	000-10801-001
LSS-2 StructureScan HD bronze thru-hull transducer (single)	000-10946-001
LSS-2 StructureScan HD bronze thru-hull pair transducer (pair)	000-10947-001
LSS-2 StructureScan HD Skimmer transducer	000-10802-001
LSS-1 TO LSS-2 StructureScan HD transducer adapter cable	000-11040-001
LSS-2 StructureScan HD stainless-steel/plastic thru-hull transducer (single)	000-11029-001

Transform the way you navigate

Our revolutionary Broadband Radar series for HDS®, featuring exclusive FMCW technology, will transform the way you navigate with the clearest radar imagery possible. Added benefits - that no other radar in the world can match - include zero radiation hazard, so they can be mounted anywhere and an extremely low power draw, making them ideal for recreational craft of any size.

Broadband Radar Common Features:

- Whether you choose Broadband 3G™ Radar or Broadband 4G™ Radar, standard features include...
 - **Unrivaled Short Range**
Outstanding performance where it matters most, within 200 ft (no blind spot)!*
 - **Uncluttered Detail**
High resolution separation of close-spaced targets, improved noise rejection, automatic sidelobes suppression.
 - **Extremely Low Emissions**
Safer than any other radar currently on the market and emitting less radiation than a mobile phone allowing it to be mounted anywhere.
 - **InstantOn™ Viewing**
Produces immediate, accurate on-screen images without warm-up.*
 - **Low Power Consumption**
Ideal for recreational boats of any size.*
 - **High-Speed Mode**
Selectable, higher-speed 36 rpm radar sweeps— at 2 nm display range and less — show better tracking of small and fast moving targets for enhanced safety.
 - **MARPA Multi-Target Tracking**
Track up to 10 targets as standard.
 - **Dual Guard Zones**
Protect yourself from more angles.
 - **Automatic Clarity**
Proven auto harbour and offshore modes, plus directional clutter rejection with Broadband 4G Radar.
 - **Quick Installation**
No reason to open the dome, no tuning or zero-mile adjustment, and no radar-licensed technician required.

*Available only with unique FMCW technology.



Broadband 4G™ Radar

Unique Performance Features:

Beam Sharpening - The world's first and only dome radar with unique Beam Sharpening to further enhance target separation for viewing razor-sharp images at every range – similar to a 3.5-foot open array pulse radar.

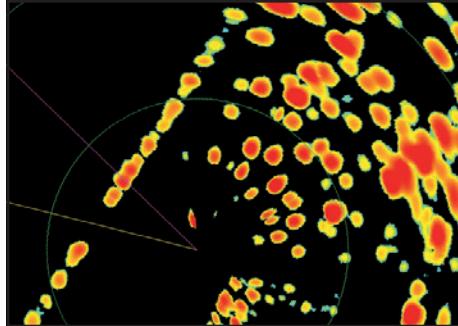
50% More Range - With 50% more true range than Broadband 3G Radar. Now you can see crystal-clear targets up to 32 nautical miles, and inside storm cells more than 17 nautical miles away.

Lowrance 4G Radar

000-10419-001

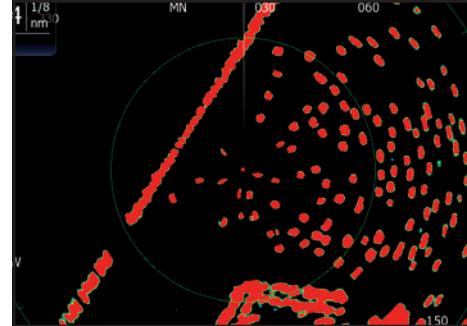
High-res, near and far...

4 kW Pulse Radar



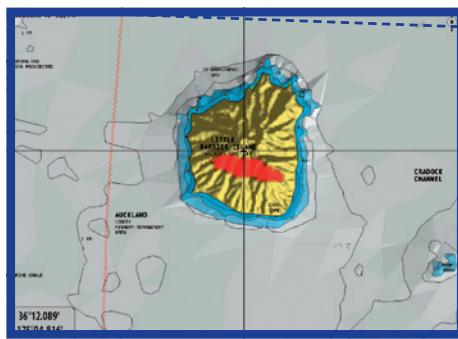
Inferior separation of docks, boats and moored vessels using a 4kW Pulse Radar

Broadband 4G Radar – Beam Sharpening

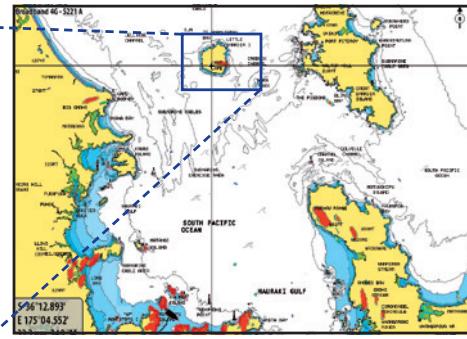


Superior short-range target discrimination clearly shows docks, boats and moored vessels.

Broadband 4G Radar – More Range



Little Barrier Island clearly seen zoomed in over 32 nautical miles away with Broadband 4G Radar.



Both Omaha Beach and Little Barrier Island in New Zealand are seen at over 32 nautical miles away by Broadband 4G Radar.

Award-Winning Broadband Radar Technology



Winner

NMEA
Technology Award



Winner

EDN
Innovation Award



Winner

Pittman
Innovation Award



Winner

NMMA
Innovation Award

NEW GoFree



Broadband 3G™ Radar

Unique Performance Features:

30% More Range - A significant 30% increase in target detection compared to the original BR24 Broadband Radar, while retaining the impressive short-range credentials like all Broadband Radar domes. With a true detection range of up to 24 nautical miles, the Broadband 3G Radar is an excellent choice for performance and affordability for use on any fishing, cruising, sport and sail boat.

Lowrance 3G Radar

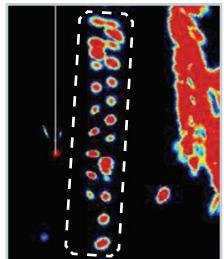
000-10418-001

Proven Performance

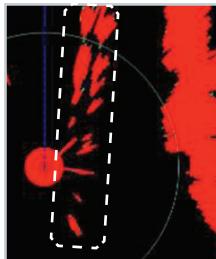
» Pile Moorings



Broadband 3G Radar



4 kW Pulse Radar



HD Digital Radar

• MARPA Multi-Target Tracking

Acquisition and precise tracking of up to 10 targets from ¼ nm display range and greater.*

• Guard Zones

Easy-to-set single or

dual guard zones with alarms alert

you to targets.

• Radar/Chart Overlay*

Automatic Tune, Gain and Sea Clutter adjustment.

• Smart STC

Digital Sensitivity Time Control curves reject clutter with setting of return strength/distance thresholds.

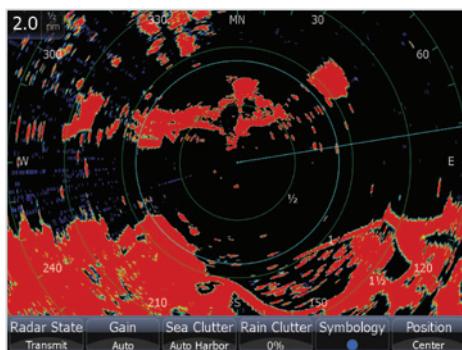
• Color Recognition

TX06L-1 Array for HDS



TX06L-1

- 6 kW, 1.28 m/4 ft scanner w/6 kW processor
- 1.8° horizontal beamwidth, 20° vertical beamwidth
- Up to 72 nm range



HDS high-definition radar display.

For wireless connectivity between HDS Gen2, Gen2 Touch, tablets and smartphones, GoFree™ Wireless offers boaters an exciting new level of navigational control.



The Revolutionary New WIFI-1 Module

The WIFI-1 is a wireless bridge that allows owners of HDS Gen2 and Gen2 Touch displays to view data when utilized in conjunction with a wireless device.*

This low-profile Wi-Fi gateway allows multiple tablets or smartphones to be used to view Lowrance network data. The WIFI-1 connects to HDS Gen2 Touch multifunction displays via Ethernet and supports wireless connectivity using 802.11 b+g wireless protocols.

A number of HDS Gen2 Touch multifunction displays can be used with just one WIFI-1 module, meaning that an entire system can be online with just the addition of one handy wireless gateway.



WIFI-1 Key Features

- Rugged, waterproof device
- Optimized for use with compatible Lowrance HDS Gen2 and HDS Gen2 Touch displays
- Noise filters counter disruption from VHF and make sure that you always get a clear signal
- Low Power - just 200mA

Gofree WiFi-1 Wireless Module

000-11068-001

*In order to work in conjunction with the WIFI-1 module, your HDS Gen2 and Gen2 Touch displays must be upgraded to software version RTM 2, which will be available for download from the Lowrance website in 2013.

NMEA 2000® Networking Upgrades



Sensors, navigation data modules, gauges and more for NMEA 2000® networks.

NMEA 2000® Starter Kit

Easily start an NMEA 2000® on board network, that's simple to expand for future sensor and display add-ons. Includes two T-connectors, 0.6 m/2 ft. and 4.5 m/15 ft. network cables, two terminating resistors and network power cable.

000-0124-69

Lowrance offers a wide range of sensors for vital vessel data monitoring, each with a built-in "smart module" that's fully programmable for greater accuracy.

EP-60R Fuel Flow

Configurable, for petrol only, one per engine. Sapphire-bearing construction extends life and increases accuracy even at low flow. Outputs Fuel Flow, Fuel Used, Trip Fuel Used and Seasonal Fuel Used data to the network for fuel management.

EP-60R Fuel flow sensor, with 10 ft cable and T-connector

000-0120-39

EP-65R Fluid Level

Compatible with standard European sending units and a range of fluids: fuel, fresh, waste or black water; live well; and oil. Allows calibration for more accurate fluid level readings for boats with odd-shaped tanks.

EP-65R Fluid level sensor, with 10 ft cable and T-connector

000-0120-41

EP-80R Temperature

Configurable sensor for surface water, livewell, baitwell, cabin and engine room temp readings, -20°C to 80°C /-4° to 176°F.

EP-80R Transom mount temperature sensor, with 3 m (10 ft) cable and T-connector

000-0120-51

EP-80R TH Temperature

Configurable surface water temp sensor for thru-hull installation.

EP-80R Thru-hull temperature sensor, with 3 m (10 ft) cable and T-connector

000-0120-53

EP-85R Storage Device

Accumulates and stores real-time engine data of fuel flow messages for up to three engines connected to an NMEA 2000 network for fuel range calculations and display.

EP-85R Storage Device tracks tank fuel used, trip fuel used, and seasonal fuel used for up to 3 NMEA 2000 engines, with 2ft cable and T-connector

000-0120-73

EP-90R Pressure

Outputs pitot speed or engine pressure readings – boost, coolant, fuel, engine or transmission oil. 100 psi max.

EP-90R Pressure sensor, with 3 m (10 ft) cable and T-connector

000-0120-29

EP-70R Speed

Paddle wheel for speed and distance display.

EP-70R Transom mount paddlewheel speed sensor, with 3 m (10 ft) cable and T-connector

000-0120-49

Engine Interface Sensors

Cabled sensors for top outboard motor brands connect to NMEA 2000 networks for engine data display. Includes interface sensor, 4.5 m/15 ft. cable and network bus T connector.

Yamaha interface cable

000-0120-37

Evinrude interface cable

000-0120-62

HDS® Networks With Mercury®

HDS is fully compatible with the SmartCraft™ MercMonitor to display vital engine data – RPM, voltage, pressures, temperatures, fuel flow and more – for greater power efficiencies via the NMEA 2000 network. MercMonitor compatible with select Mercury, MerCruiser and Mariner engines.



RC42 Rate Compass



NMEA 2000® network heading sensor for Lowrance Broadband Radar™ navigation or HD Digital radar to enable MARPA and radar/chart overlay for HDS chartplotter-equipped displays. Includes 5 m/ 16 ft. SimNet NMEA 2000® cable and RI10 interface. Also requires connector Adapter Kit.

RC42N, Rate compass with 5 m (16ft) cable and Micro-C connector.

000-10613-001

Airmar® DST800 - Thru-Hull Depth-Speed-Temperature Sensor



Compact, retractable plastic TRIDUCER® multi-sensor transmits digital depth-speed-temperature readings to any NMEA 2000 network display. Wide fore-aft 10°x40° fan-shaped beam marks bottom depths to 100 m/330 ft. even on high-deadrise hulls and sailboats when heeled. Features 235 kHz frequency to prevent cross-talk interference with other vessel echosounders. Single 51 mm/2" hole thru-hull mounting.

DST800 active D/S/T/H plastic 235 kHz transducer with 2 m (7 ft) cable and Micro C connector to SimNet

22098552

LMF Multifunction Gauges



These in-dash digital gauges deliver precision and versatility in real-time display of vessel and engine data on the NMEA 2000 network, and are supported by the most extensive choices of affordable Lowrance EP smart sensors, including Fuel Flow for optimum fuel management economies. They also allow users to set up to 13 custom screens with analogue graphic or alpha/numeric options.

LMF-400 In-Dash Gauge

000-0049-541

LMF-200 In-Dash Gauge

000-0049-551

SonicHub® Entertainment / SiriusXM



SonicHub® Marine Entertainment

Experience a new audio wave in on board entertainment with a Lowrance SonicHub system, the world's first marine-grade, waterproof audio hub/docking system with the convenience of total control using any HDS® multifunction display.



On the water, SonicHub audio provides a direct link to your music collection on your iPhone, iPod, iPod touch and MP3s on a USB stick (up to 16GB), without a stereo head unit. You can also catch the latest weather, news, or listen to your favorite radio show with the built in AM/FM tuner (antenna sold separately).

Featuring a high-power, four channel amplifier with 50W per channel, SonicHub delivers a sensational sound and audio content control experience. Easy to install, a SonicHub system integrates seamlessly via NMEA 2000® with Lowrance HDS high-resolution, color displays featuring an intuitive and stylish graphical control interface.

Enjoy the pleasure of high quality sound with an innovative solution specifically designed for the challenging marine environment. The unique docking station provides a safe and waterproof casing, protecting your audio content device from the elements.



Lowrance SonicHub™ kit
000-10141-001

Stylish speaker package

The Lowrance SonicHub system includes two stylish, waterproof marine-grade 6.5 in. high power 200W low-magnetic speakers for the ultimate in music on the move. Additional two-speaker sets are available from Lowrance as an accessory - plus SonicHub can connect and output to a third-party subwoofer if you choose to add one - so you can enjoy maximum-performance multimedia audio for a minimal price.



Spare Speaker Pack (2)
000-10142-001

Easy to control and install

The intuitive HDS interface combines a sunlight-viewable color screen (up to 10.4") with the ultimate in functionality and ease of control. Lowrance SonicHub option is simple to install with no need to cut holes in the helm for an audio head unit, making it the perfect choice for vessels with limited space. Just hook up SonicHub to your HDS via an NMEA 2000 network, plug-in the speakers and you're ready to Rock Your Boat™.

Made for
iPod iPhone



LWX-1 SiriusXM® Satellite Weather and Radio Module

Combine HDS® and the optional LWX-1 antenna with your choice of SiriusXM® subscriptions for instant, accurate and the latest weather displayed at your fingertips. Plus, add a SiriusXM satellite radio subscription, and enjoy over 130 commercial-free channels of music, news, sports, family and other programming.

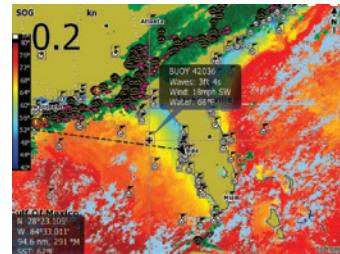


000-0022-46

- Easy to install, activate and use with any HDS model with chartplotting
- Plug-and-play Ethernet connection feeds weather to one, or more on board HDS displays via NEP-2 Network
- Expansion Port option, each with independent display control
- Overlay SiriusXM weather on any high-detail chartplotter cartography display for greater weather-tracking awareness
- Low-profile weatherproof antenna for deck flush-mount or pole-mount ease
- Stereo audio output streams SiriusXM satellite radio to an on board sound system, like the Lowrance SonicHub®marine audio server
- Saves and displays latest weather data up to 30 minutes after boat power-down, as when refueling

Only the Lowrance LWX-1 module comes with an exclusive selection of SiriusXM subscription package options for wherever you live, fish or boat in the U.S. That includes nationwide, regional and local conditions/forecasts for inland natural lakes, reservoirs and rivers, to expansive Great Lakes and coastal waters.

SiriusXM subscription and fees are additional to LWX-1 receiver/antenna purchase, and restricted to U.S. billing addresses only.



Sea Surface Temperatures with coastal NOWrad weather radar.



Inland SiriusXM NOWrad® weather radar with lightning strike indicators.

Exclusive SiriusXM Marine Weather

See clear skies and fair weather behind squall lines. Avoid dangerous lightning and storm cells. Maximize your fishing time with wind/isobar forecasts and sea surface temperature displays. Get NOAA marine forecasts and warning on demand. And much more. For more details on SiriusXM Inland Weather, plus Mariner Weather and Voyager Weather coastal packages, and SiriusXM Satellite Radio, go to www.siriusxm.com/marineweather

Find - Fuel prices from vessel					
Search radius (mi): 005					
Name	Dist. (mi)	Reg	Med	Sup	Diesel
QUIKTRIP 0074	0.5		2.50	2.60	2.70
FLYING J TRAVEL PLAZA	1	2.49	2.60	2.70	2.71
QUIKTRIP 0077	1.1	2.50	2.60	2.70	
QUIKTRIP 0005	1.1	2.50	2.60	2.70	
FIESTA MART 9	1.2	2.50	—	—	
CRESCENT OIL COMPANY	1.2	2.40	—	—	2.75
FARRIS EXPR FUELS #1	1.3	2.40	2.50	2.60	2.66
QUIKTRIP 0026	1.3	2.50	2.60	2.70	
CARDINALS CORNER	1.5	—	—	—	2.64
CRESCENT OIL COMPANY	1.9	2.50	—	—	2.81
MURPHY USA #6705	2.2	2.50	—	—	2.66
QUARTZ CITY FOOD PLAZA	2.3	—	—	—	2.60

Retail roadside fuel pricing feature is included with all Lowrance-compatible SiriusXM marine weather subscriptions.

Channels - Category - Sports	
Chan	Description
091	ESPN Deportes
096	Sports Extra
097	Sports Express
098	Hardcore Sports
120	ESPN Radio
121	ESPN All-Acces
122	Sports Central
123	Mad Dog Radio
124	SIRIUS NFL Radio
125	Sports 1
126	Sports 2
127	Sporting News
128	NASCAR Radio

Enjoy over 130 commercial-free channels with SiriusXM satellite radio.

Cartography

Insight HD and PRO 2013 Chartcard Options

- NEW 3D Perspective View allows Insight 2013 mapping to tilt, rotate and pan with HDS Gen2, Gen2 Touch and Elite-7.
- Experience superior navigation exclusively from Lowrance
- Twenty (20) more zoom-in levels of High-Definition detail on Insight HD 2013

- Fully loaded with detailed guidance to enhance fishing success
- Memory space to record, save, transfer data
- Available memory space to record, save and transfer data.

Nautic Insight™ HD and PRO 2013



Nautic Insight™ HD 2013 West – San Diego with shaded relief



Nautic Insight™ PRO 2013 – as shown on HDS Gen2 Touch using 3D Perspective View

Three chartcard choices with superb U.S. coastal and offshore cartography. Improved shoreline detail and ENC data including California Marine Protected Areas. East: Maine to all of Texas. West: California to Washington, plus Alaska and Hawaii. Both feature Lake Insight™ HD inland detail within 100 miles of coastline. Insight PRO features the same coverage area as Nautic Insight™ HD 2013 East and West—all one card—but without shaded relief.

000-11053-001

000-11052-001

000-11054-001

NEW Nautic Insight™ HD and PRO 2013 coverage now includes improved coverage of Alaska, Cuba and Bahamas with Caribbean coverage added.

Lake Insight™ HD and PRO 2013



Lake Insight™ HD 2013 -- Lake Okoboji



Lake Insight™ PRO 2013 - View of Table Rock Lake high-resolution 1- to 3-foot contours

High-resolution 1- to 3- foot contours and high-definition shaded relief (Lake Insight™ HD only) on more than 650 lakes in Texas, Oklahoma, Kansas, Missouri, Illinois, Iowa, North Dakota, South Dakota, Nebraska, Michigan, Minnesota and Wisconsin, plus Lake of the Woods and Rainy Lake.

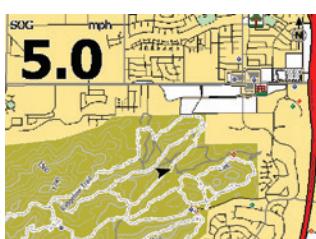
An additional 100,000 named bodies of water with shoreline detail.

000-11055-001

000-11056-001

NEW Detailed contour lines and high-definition, shaded relief coverage (with Lake Insight HD) including 3,000 new lakes for more than 8,000 U.S. lakes, plus rivers and the Great Lakes.

TOPO Insight™ PRO 2013



Two topographic chartcard choices including elevation line overlay at 30-foot intervals. Includes street networks, forests, park information, Points-of-Interest and other data to aid navigation by ATV or off-road vehicle. Covers the 48 contiguous U.S.

TOPO Insight™ PRO 2013 East

000-11066-001

TOPO Insight™ PRO 2013 West

000-11067-001

Compatibility

	HDS Gen2 Touch	HDS Gen2	Elite-7	Elite-5	Elite-4	Mark-4	Endura
<i>Nautic Insight™ HD 2013</i>	●	●	●	-	-	-	-
<i>Nautic Insight™ PRO 2013</i>	●	●	●	●	●	●	-
<i>Lake Insight™ HD 2013</i>	●	●	●	-	-	-	●
<i>Lake Insight™ PRO 2013</i>	●	●	●	●	●	●	-
<i>TOPO Insight™ PRO 2013</i>	●	●	●	●	●	●	-

NEW Insight Genesis™



Create your own map from real sonar data that you record with accurate, high-resolution 1-foot contours, bottom hardness and even vegetation overlays.

1 RECORD

Record a sonar log to any standard SD or micro card on your chartplotter

3 REVIEW

In minutes, you will receive an email containing a link where you can view your FREE map featuring high-resolution contour lines

FREE Map View: Personal on-line map of your sonar log including contours and depth shading.

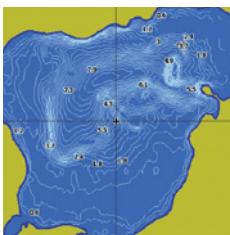
One-Time Purchase: Download encrypted map for use on Elite-7, HDS, HDS Gen2 and HDS Gen2 Touch.

Standard Subscription: Adds unlimited uploads, the ability to merge multiple trips, online back-up and additional device licenses for low annual fee.

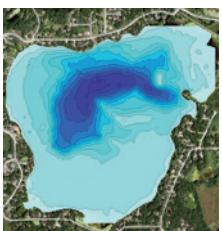
Premium Subscription: adds powerful analysis tools including increased control of contour lines, bottom hardness overlay, vegetation layer overlay, and advanced trend analysis tools.



Record a sonar log



Download your new contour map



Contour Map with Depth Shading Layer



Contour Map with Composition Layer



Contour Map with Vegetation Layer

Learn more at <https://insightstore.lowrance.com/insightgenesis>

Navionics® Chartcard Options



Lowrance gives a greater dimension in charting selections for all HDS, Elite and Mark chartplotters with Navionics compatibility – the world's largest and most experienced provider in worldwide electronic marine cartography.

For more information and where to buy: www.navionics.com

NEW Insight Planner

Create waypoints, routes, and points of interest (POIs), on a wide variety of supported cartography platforms such as Insight, Navionics, and raster charts using the BSB format.



Insight Planner is the ultimate PC software for marine navigation planning with Lowrance chartplotters.

Seamlessly plan and transfer routes, waypoints and POIs

- Splitscreen options allow you to view multiple charts from different supported formats at different zoom levels.
- Plan routes using multiple charts for verification and safety purposes
- Transfer waypoints directly to Google Earth or GPX file.
- Plan and transfer using Lowrance waypoint and POI icons

Use multiple vector and raster charts including:

- Insight charts including Lake, Nautic, Topo and Genesis
- Navionics Platinum+, Platinum, Gold+, HotMaps® Premium, and HotMaps Platinum charts
- S-57 nautical charts (e.g. NOAA ENC®, Army Corps iENC)
- S-63 Encrypted ENC charts (requires user permit)
- BSB Version 1 through 5 raster nautical charts (NOAA RNC™, MAPTECH™, CHS, NDI DigitalOcean, Fugawi, GPS GmbH)
- NV.Digital (BSB/EAP from Nautische Veröffentlichung Verlagsgesell)
- TRAK Maps

Insight Planner™ DVD

000-11093-001

Insight Planner™ Web Download Card

000-11056-001

Fishing Hot Spots® Cartography



Fishing Hot Spots® PRO USA

A popular digital map and fishing card, Fishing Hot Spots® Pro USA delivers great fishing information and map data across the USA on a single chip.

For more and where to buy: www.fishinghotspots.com

Transducers

Lowrance HDS® connects with a full range of high-sensitivity transducers to suit your vessel, for superior performance in fishing and bottom sounding, at virtually any depth.

Thru-Hull & In-Hull HDS Transducers

Lowrance HDS is fully compatible with a wide selection of Airmar® transducers made for ultimate deep-sounding performance while reducing or eliminating drag.

P79 In-Hull – 50/200 kHz, 600W RMS



Easily adjusts to hull deadrise angles up to 22° to ensure the beam is correctly oriented for accurate depth readings. The base is bonded to the hull and filled with liquid, and the transducer then attaches to the base with a twist lock. The sound waves travel more efficiently through the liquid, giving the best possible performance.

P79 Plastic 600 W In-Hull 50/200 KHz
Depth Only - blue 7 pin connector

000-0136-03

P319 Thru-Hull – 50/200 kHz, 600W RMS



Features a 50/200 kHz, dual-frequency, single-ceramic element in a low-profile housing. Plastic, bronze or stainless-steel models are available to accommodate all hull types with a flush design that minimizes drag.

P319 Plastic Low Profile 600 W Thru Hull 50/200Khz
Depth/Temp - blue 7 pin connector

000-0136-02

B164 Thru-Hull – 50/200 kHz, 1 kW RMS



Tilted Element™ technology lets you step up to higher 1kW power without a fairing in this 20° tilt transducer. Flush mounted with less than 6.35 mm (0.25") hull exposure, it can sit on trailer rollers and bunks with no damage at all. Perfect for fast, trailered tournament sport fishing boats that cannot have a high-performance fairing, the internal tilted ceramic array focuses the perfect vertical beam with maximum energy directly below your boat.

B164 Bronze low profile thru-hull 1 kW 50/200 kHz with 22/20° 6/6° array
beamwidths and 20° tilt Depth/Temp -12m

000-10247-001

B258 Thru-Hull – 50/200 kHz, 1 kW RMS

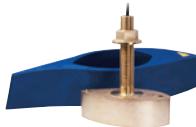


Excellent sportfishing performance for a moderately priced 1 kW transducer. The economical, four-ceramic element design provides deep water sounding with superb target and bottom definition. The Airmar® high-performance fairing block is recommended for the best possible results.

B258 Bronze 1 kW Thru Hull 50/200 KHz Depth/Temp
w/HS Fairing Block - blue 7 pin connector

000-0136-00

B260 Thru-Hull – 50/200 kHz, 1 kW RMS



One of the best high-performing 1 kW bronze thru-hull for 300 W to 1 kW echosounders. Separate 50 kHz and 200 kHz elements for unparalleled deep-water performance and unmatched bottom and water column detail. Provides crisp image detail for fishing shelves, intricate bottom structures and wrecks.

B260 Bronze 1 kW Thru Hull 50/200Khz Depth/Temp w/HS
Fairing Block blue 7 pin connector

000-0106-82

M260 In-Hull – 50/200 kHz, 1 kW RMS



A high-performance module for 300 W-1 kW echosounders with separate 50 kHz and 200 kHz elements for excellent deep-water performance and exceptional bottom and water column detail. Designed for bow stern or port starboard in-hull mounting, the narrow beam provides crisp image detail especially suited for fishing shelves, intricate bottom structures and wrecks with precise readings even at boat speeds above 20 knots.

M260 Plastic 1 kW In-Hull 50/200Khz Depth Only
Tank Kit - blue 7 pin connector

000-0106-91

B60 Thru-Hull – 50/200 kHz, 600W RMS



The bronze B60-20° tilt provides a vertical beam without a fairing. An internal ceramic element is tilted to provide built-in deadrise compensation providing excellent echo returns for more accurate depth readings. The nearly flush housing minimizes drag.

B60 Bronze 600 W Thru Hull 50/200 KHz Depth/Temp
(20° tilt) - blue 7 pin connector

000-00021-001

B744 Thru-Hull – 50/200 kHz, 600W RMS



Drill only one hole in your boat with this TRIDUCER® multi-sensor model that features depth, speed, and temperature in a single housing. Single ceramic 50/200 kHz dual-frequency element for excellent shallow water detail and deep water bottom tracking. Extended stem length provides extra height for steep deadrise vessels or thick cored hulls.

B744V Bronze 600 W Thru Hull 50/200 KHz Depth/Temp/Speed w/HS Fairing
Block - blue 7 pin connector

000-0136-05



Transom-Mount Skimmer® HDS Transducers

High speed Skimmer transom-mount transducers slice through water without sonar-interfering bubbles for ideal sounding performance and cleanest sounder returns, even at speeds up to 61 kts/70 mph. Ideal for aluminium and steel hull vessels, each have a built-in sensor for water-temp readings, plus a unique "kick-up" transom-mount bracket helps prevent accidental strike damage.

TM260 Transom Mount – 50/200 kHz, 1 kW RMS



Powerful yet sensitive, the new TM260 offers the performance of the B260 in a high-speed, transom-mount option for crystal clear imaging. The large 200 kHz element plus the seven-element 50 kHz array deliver excellent separation of suspended bait and game fish, as well as marking fish holding tight on the bottom.

Easy to install with a streamlined design for high speed sounding up to 30 knots/35 mph.

TM260 Plastic transom-mount. 50/200Khz with diplexer.
Depth/temp. 50khz @ 19 deg; 200Khz @ 6 deg. 10 m cable with 7 pin blue connector - blue 7 pin connector
000-10116-001

83/200 kHz Skimmer



Ideal for inland freshwater and inshore coastal saltwater angling with up to 120° of wider fish detection coverage at 83 kHz operation. Also for shoot-thru sounding (without temp readings) on fiberglass hulls with proper installation.

HST - WSLB 83/200 kHz transom-mount
skimmer depth/temp - blue 7 pin connector
000-0106-72

50/200 kHz Skimmer



For deeper salt water or downrigger tracking with built-in temp sensor. Not for shoot-thru-hull use.

HST - DFSBL 50/200 kHz transom-mount skimmer
depth/temp - blue 7 pin connector
000-0106-77

83/200 kHz Skimmer Portable



For go-anywhere HDS fishfinder portability with easy-mounting suction cup bracket, built-in temp sensor and up to 120° coverage.
Not for high speed use.

Suction Cup Mounting Kit Only

000-0051-52

P66



For use in deeper lake/inshore saltwater situations with small to midsize boats (up to 40'/12m). Features depth, speed and temp in one transom-mount housing. Optional beam widths of 45 and 11 degrees. Max depth 50kHz: 800-1200 feet. Max depth 200kHz: 400-700 feet.

Plastic transom mount transducer 50/200kHz

000-11062-001

For use with HDS and Mark/Elite

83/200 kHz Pod Transducers



Expanded underwater coverage with the versatility of trolling motor mount, or shoot-thru operation on solid fiberglass hulls. Contour curve top and slot for hose clamp simplifies motor mounting. Available with or without built-in temp sensor.

PDT-WSU - 83/200kHz pod style transducer
with temp and 10ft cable

000-0106-50

PDRT-WSU - 83/200kHz pod style transducer
with remote temp and 20ft cable

000-0106-69

NEW Hybrid Dual Imaging™ (HDI) Transducers



Transom-mount Skimmer® transducer design featuring all-in-one Broadband Sounder™ and DownScan Imaging capability. Works with Elite-7 and HDS Gen2 Touch models.

HDI 83/200 Skimmer® transducer
HDI 50/200 Skimmer® transducer

000-10976-001

000-10977-001

NEW Elite-7 Standalone Marine Displays



Learn More at
Lowrance.com

NEW! Hybrid Dual Imaging™ (HDI)

The power of two award-winning technologies combined to provide the best-possible view beneath your boat. Broadband Sounder™ - excellent for marking fish arches and tracking lure action - PLUS DownScan Imaging™ that reveals easy-to-understand, picture-like detail of structure and bottom with no interpretation needed.

NEW! 70% Larger Elite Color Display

Brilliant, widescreen visibility and viewing detail in all conditions.

Now With DownScan Overlay™

Exclusive technology overlays DownScan Imaging onto Broadband Sounder display for one stunning view that separates and clearly exposes fish targets from surrounding structure. Overlay transparency and color palettes are fully adjustable.

Navigate With Pinpoint Accuracy

Internal GPS antenna (chartplotter models) plus built-in U.S. lake and coastal with Insight PRO™ or Navionics GOLD® upgrade options. Also, create and download your own contour map with sonar data you record, using Insight Genesis™.

Proven ASP™ (Advanced Signal Processing)

Reduces manual adjustments to automatically see fish, structure and bottom detail more clearly.

HDI Transducer Options

Broadband Sounder (83/200 kHz) plus DownScan Imaging (455/80 kHz) for depths to 1,000 feet, or Broadband Sounder (50/200 kHz) plus DownScan Imaging (455/800 kHz) for depths to 2,500 feet. DSI signal features a maximum depth capability of 300 feet. Elite-7 HDI also works with traditional 83/200 kHz and 50/200 kHz Skimmer® transom-mount transducers. All Airmar® transducers used with HDS are also compatible with Elite-7.

Advanced NMEA 2000® Networking Compatibility

Allows waypoint sharing among networked displays, plus the addition of an external GPS antenna, if needed, for installations beneath a covered hard top.

NEW! Multi-Window Displays

Let's you choose up to three panels in split-screen mode to view chart, sonar and DownScan Imaging - all on one screen simultaneously.

All-New, Page Selector

An easier-to-use menu system with quick access to all features using one-thumb operation.

Supported by Lowrance Advantage Service program and limited one-year warranty.

Elite-7 Hybrid Dual Imaging™ (HDI) Series

New 7-inch Widescreen Color Fishfinder/Chartplotter models.. Combining Broadband Sounder (50 or 83/200 kHz) and Lowrance's DSi technology (455/800 kHz)

Elite-7 HDI Fishfinder/Chartplotter



Color Fishfinder/Chartplotter

7" Display, Chartplotter, Broadband Sounder (50 or 83/200 kHz) and DownScan Imaging (455/800 kHz) Skimmer with Temperature

Elite-7 HDI 50/200/455/800	000-10967-001
Elite-7 HDI 83/200/455/800	000-10966-001
Elite-7 HDI GOLD* 50/200/455/800	000-10972-001
Elite-7 HDI GOLD* 83/200/455/800	000-11051-001

Elite-7x HDI Fishfinder



Color Fishfinder

7" Display, Broadband Sounder (50 or 83/200 kHz) and DownScan Imaging (455/800 kHz) Skimmer with Temperature

Elite-7X HDI 50/200/455/800	000-10962-001
Elite-7X HDI 83/200/455/800	000-10961-001

Elite-7

New 7-inch Widescreen Color Fishfinder and Chartplotter Models
Innovative Features at Exceptional Prices

Elite-7 Fishfinder/Chartplotter

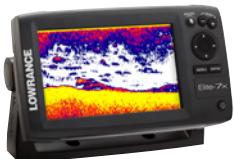


Color Fishfinder/Chartplotter

7" Display, Chartplotter, Broadband Sounder (50 or 83/200 kHz) Skimmer with Temperature

Elite-7 83/200	000-10968-001
Elite-7 GOLD* 50/200	000-10971-001
Elite-7 no Transducer	000-10970-001

Elite-7x Fishfinder



Color Fishfinder

7" Display, Broadband Sounder (50 or 83/200 kHz) Skimmer with Temperature

Elite-7X no Transducer	000-10965-001
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Elite-7m Chartplotter



Color Chartplotter

7" Display, Chartplotter only

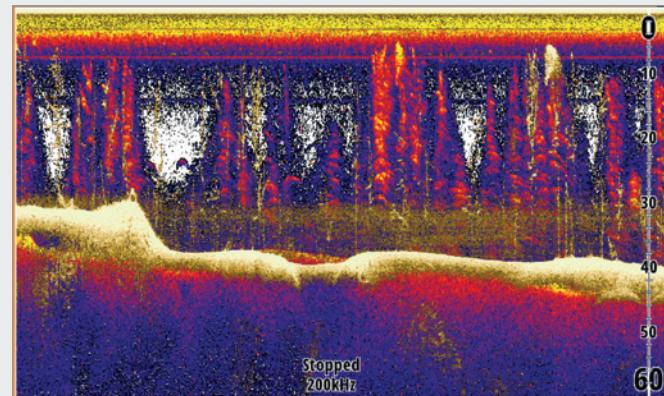
Elite-7M GOLD*	000-10975-001
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Now With DownScan Imaging Overlay

Exclusive technology overlays DownScan Imaging onto Broadband Sounder display for one stunning view that separates and clearly exposes fish targets from surrounding structure.

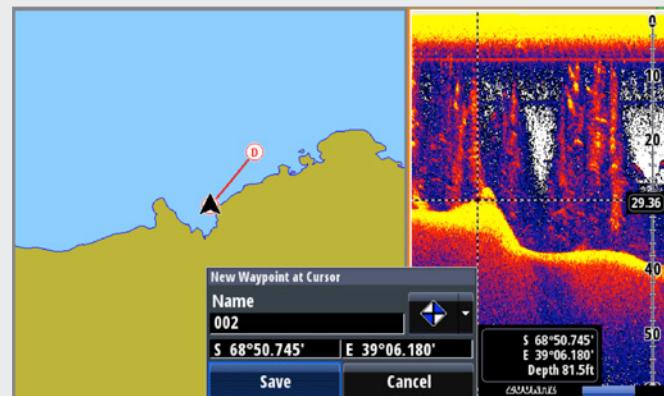
Overlay transparency and color palettes are fully adjustable.

Shows more sonar history than two separate panes.



TrackBack™ Into Sonar History

Immediate scroll back in sonar history to review covered areas and pinpoint spots (saves time and fuel trying to re-trace your path).



With chartplotter models, simply mark a waypoint at your cursor location with the press of a button

All-New, Page Selector

An easier-to-use menu system with quick access to all features using one-thumb operation.



8 preset page layouts. Page selector does not hide live sonar and map while making page decision

*GOLD models include Navionics chartcard with U.S./Canada/Alaska and Bahamas coastal, Great Lakes and major Canadian lakes detail.

Mark/Elite Standalone Marine Displays

Elite-5 & Mark-5 Fishfinder/Chartplotter

Remarkably easy-to-use, with a bright, viewable 5-inch display. Easy to understand, simple to operate, and clear to read in any conditions. Includes, best-in-class Lowrance fishfinder and versatile chartplotting.

Elite-5x Fishfinder



Color Fishfinder

Dedicated standalone 83/200 kHz color fishfinder.

Elite-5x - Fishfinder color 83/200kHz.
Includes Skimmer® transducer with temperature

000-00102-001

Elite-5m GOLD Chartplotter



Color Chartplotter

Dedicated standalone color chartplotter with built-in GPS antenna. Includes Navionics chartcard with U.S./Canada/Alaska and Bahamas coastal, Great Lakes and major Canadian lakes detail.

Elite-5m GOLD - Chartplotter color -
US Coastal/Canadian Navionics Gold Bundle

000-00103-001

Elite-5 Fishfinder/Chartplotter



Fishfinder/Chartplotter

Standalone 83/200 kHz color fishfinder/chartplotter with built-in GPS antenna.

Elite-5 Base - Combination fishfinder/chartplotter color 83/200 kHz.
Includes Skimmer® transducer with temperature

000-00104-001

Elite-5 GOLD - Color fishfinder/chartplotter 83/200 kHz.
Includes Navionics GOLD chartcard with U.S./Canada/Alaska/Bahamas coastal,
Great Lakes and major Canadian Lakes detail

000-00144-001

Elite-5x DSI Fishfinder



Color Imaging Fishfinder

Experience DownScan Imaging™ detail on a 5-inch color display - all in a standalone fishfinder that is easy to install and simple to operate.

Elite-5x DSI - Fishfinder 455/800 kHz.
Includes DSI Skimmer® transducer with temperature

000-10235-001

Elite-5 DSI Fishfinder/Chartplotter



Color Imaging Fishfinder/Chartplotter

The ultimate standalone navigational tool for the budget conscious boater. Built-in GPS antenna, high-detail DSI and micro SD slot for high-detail charting options.

Elite-5 DSI- Combination fishfinder/chartplotter color 455/800 KHz.
Includes DSI Skimmer® transducer with temperature

000-10236-001

Elite-5 DSI GOLD- Combination fishfinder/chartplotter color 455/800 kHz.
Includes DSI Skimmer® transducer with temperature. Navionics GOLD chartcard
bundle for detailed U.S./Canada/Alaska/Bahamas coastal, Great Lakes and major
Canada lake maps.

000-10245-001

Mark-5x Pro Fishfinder



Grayscale Fishfinder

Standalone 200 kHz grayscale fishfinder.

Mark-5x Pro - Fishfinder mono 83/200kHz.
Includes Skimmer® transducer with temperature

000-00175-001

Mark-5x DSI Fishfinder



Grayscale Imaging Fishfinder

Combines picture-like DownScan Imaging with a high-resolution, 5-inch, grayscale display. Performance and value for those looking for a standalone fishfinder.

Mark-5x DSI - Fishfinder 455/800KHz.
Includes DSI Skimmer® transducer with temperature

000-10233-001



All Elite and Mark Series:

- Brilliant, high-resolution, color and grayscale marine displays.
- Best-in-class Lowrance sonar and innovative DSI Down-Scan Imaging™ model options
- Accurate internal GPS antenna (chartplotters)
- Proven Advanced Signal Processing (ASP™) – Reduces manual adjustments to automatically see fish, structure and bottom detail more clearly.
- TrackBack™ feature for immediate scroll-back to review up to four pages of fishfinder history
- Waterproof micro SD slot for Navionics® Gold and Insight PRO™ (chartplotters)
- Simplified, automatic operation and easiest-to-use menu
- Simple to install, plus easy to operate with one hand
- Sleek compact case design easily accommodates bracket- or flush-mounting
- Unique, easy-to-adjust/release swivel mounting bracket
- Lowrance Advantage Service support

Elite-4 & Mark-4 Compact Sounder/Chartplotter

Our conveniently sized compact series packs a powerful blend of award-winning dual-frequency fishfinder technology with highly accurate chartplotting features.

Elite-4x Fishfinder



Color Fishfinder

Dedicated standalone 83/200 kHz color fishfinder.

Elite-4x - Fishfinder color 83/200kHz.
Includes Skimmer® transducer with temperature

000-10484-001

Elite-4x DSI Fishfinder



Color Imaging Fishfinder

Combines picture-like DownScan Imaging with impressive color and detail.

Elite-4x DSI - Fishfinder 455/800 KHz.
Includes DSI Skimmer® transducer with temperature

000-10487-001

Elite-4m Chartplotter



Color Chartplotter

Dedicated standalone chartplotting with built-in GPS antenna. Includes Navionics chartcard with U.S./Canada/Alaska and Bahamas coastal, Great Lakes and major Canadian lakes detail.

Elite-4M GOLD - Chartplotter color -
US Coastal/Canadian Navionics Gold Bundle

000-10489-001

Elite-4 Fishfinder/Chartplotter



Color Fishfinder/Chartplotter

Standalone 83/200 kHz color fishfinder/chartplotter with built-in GPS antenna.

Elite-4 Base – Combination fishfinder/chartplotter color 83/200 kHz.
Includes Skimmer(r) transducer with temperature.

000-10491-001

Elite-4 GOLD – Color fishfinder/chartplotter 83/200 kHz.
Includes Navionics GOLD chartcard with U.S./Canada/Alaska/Bahamas coastal,
Great Lakes and major Canadian Lakes detail.

000-10493-001

Elite-4 DSI Fishfinder/Chartplotter



Color Imaging Fishfinder/Chartplotter

DSI color fishfinder imaging plus chartplotting, with integrated GPS antenna, complete navigation functions and micro SD media slot for optional high-detail charting options.

Elite-4 DSI- Combination fishfinder/chartplotter color 455/800 KHz. Includes DSI
Skimmer® transducer with temperature

000-10494-001

Mark-4 Combo



Grayscale Fishfinder/Chartplotter

Fantastic value in a compact, dual-function sonar and chartplotter. Bright, sunlight-viewable grayscale display packed with all the features you need, at a lower price than you'd expect.

Mark-4 Base -- Combination fishfinder/chartplotter color 83/200 kHz. Includes
Skimmer(R) transducer with temperature

000-10483-001

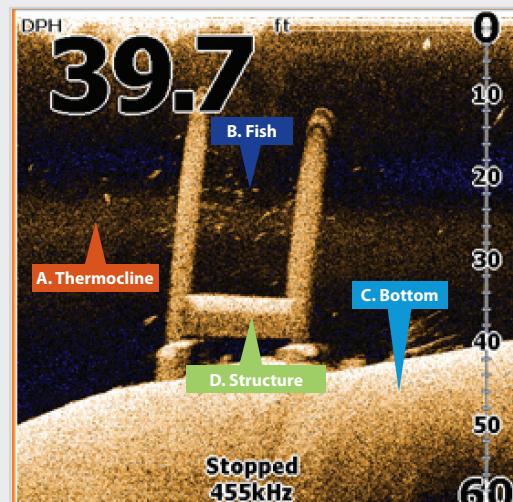
TrackBack™ for Wider-Screen Viewing

Scroll back through four pages of sonar or imaging recordings to pinpoint targets, plus mark and set a waypoint (on chartplotter models).



The DownScan Imaging™ Difference

Experienced fishfinder users are delighted to see images they've never seen before. New users easily employ DSI to their advantage, because they can understand instantly what they're seeing without interpretation.



A See Thermoclines

DSI clearly shows the boundary layer between lower, colder depths, and the upper, warmer, oxygen-rich zone that fish prefer.

B See Fish

You won't miss a thing. DSI clearly reveals and separates fish and baitfish from seabed structure.

C See Seabeds

With DSI, it's easy to distinguish hard and soft bottoms, as well as fish and structure on or near the bottom.

D See Structure

No guessing, no interpretation; DSI photo-like views of underwater structure, such as bridge pilings, rocks, wrecks, channels, drop-offs and more!

Specialty fishing

X-Series Marks the Spots

Powerful fishfinding on a 4-inch grayscale display at an affordable price.

X-4 Pro



High-Detail 83/200 kHz Fishfinder

Enjoy productive shallow and deepwater performance, plus superb target detail and separation. Packed with an advanced receiver and a wealth of Lowrance features, the X-4 Pro is easy-to-use and very affordable.

- Sunlight-viewable 10.2 cm in./4 in. LCD display
- Detailed 4-level greyscale resolution
- Powerful 188W RMS/1500W peak-to-peak sonar to depths of 305 m/1,000 ft @83 kHz
- High-speed Skimmer® transom-mount transducer with water-temp sensor and up to 120° sonar coverage
- Automatic tuning with integrated ASP™ (Advanced Signal Processing)
- GRAYLINE®, Advanced Fish I.D.™, FishTrack™ and more legendary Lowrance features

X-4 Pro - grayscale fishfinder with 83/200kHz Skimmer® transducer

000-10229-001

X-4



High-Detail 200 kHz Fishfinder

Easy, effective fishfinding with incredible Lowrance features and superb viewing. The X-4 is simply unbeatable for highest performance at the lowest price!

- Sunlight-viewable 10.2 cm in./4 in. LCD display
- Detailed 4-level greyscale resolution
- Proven 100W RMS/800W peak-to-peak sonar to depths of 183 m/600 ft
- High-speed Skimmer® transom-mount transducer with water-temp sensor and up to 60° sonar coverage
- Integrated features include automatic ASP™ tuning, GRAYLINE®, Advanced Fish I.D.™ and FishTrack™

X-4 - grayscale fishfinder with 200kHz Skimmer® transducer

000-10227-001

IceMachine™

Feature-rich combo with Ice Pack portability, low power draw and a huge value. Also complete and easy-to-use with an enhanced Ice Mode feature.

Elite-4 IceMachine™



Compact Color Fishfinder/Chartplotter

Feature-rich combo with Ice Pack portability, low power draw and a huge value. Also complete and easy-to-use with an enhanced Ice Mode feature.

- Sharp, clear 3.5 in./8.9 cm TFT color display, with 320x240-pixel resolution displays fantastic detail in sunlight and low temps to -20° F/-28° C
- Powerful 83/200 kHz operation and 20° of sonar coverage to 1000 ft/305 m, with a weighted ice-fishing transducer; includes auto-leveling float
- TrackBack™ feature allows you to review up to four pages of sonar history (aids in ice-fishing presentation adjustments)
- Accurate, internal 16-channel GPS antenna and built-in basemap with U.S. waters detail, plus micro SD card slot for high-detail Lowrance Lake Insight™ PRO mapcards (with 1- to 3-foot depth contours), as well as Navionics® Gold options
- Convenient one-hand-one-thumb operation Scrolling-graph and LCD-flasher sonar viewing options

Comes complete with the PPP-18I Ice Pack and one 12 VDC 7A sealed battery and charger.

Elite-4 IceMachine Fishfinder/Chartplotter 83/200 kHz 000-10492-001

Elite-4x IceMachine™



Compact Color Fishfinder

The compact Lowrance Elite-4x fishfinder-only, with all the same sonar and portable Ice Pack features of the Elite-4, and a great price.

Elite-4x IceMachine Fishfinder W/XDCR 83/200 000-10486-001



Elite-5 IceMachine™ Portable



Color 200 kHz Sonar/Chartplotter, Easy-to-Use Portable Ice Fishing Pack

Self contained and ready to go fishing anytime on the ice – or on anything that floats. It's a complete sonar/chartplotter portable system, with superior no-fade viewing performance in temperatures down to -28°C/-20°F. Along with an Elite-5 display with special ice mode software, the IceMachine includes:

- Weighted ice transducer and unique float
- Weatherproof soft-side pack with zipped front and rear access
- Accessory zipped pockets plus "easy-find" mesh stow pouches
- Adjustable display platform elevates for easier viewing
- Includes tackle trays, rod-holder slots, quick-access lure storage conveniences
- Handy storage for two StowAway® utility boxes (included)
- Holds two 12 vDC 7A sealed batteries and charger (one battery and charger included)

Elite-5 PPP-18I IceMachine
Fishfinder/Chartplotter 83/200 kHz

000-10504-001

PPP-18I Ice Fishing Kit



Plug-and-Play Ice Fishing Portable Kit Option. Add any Lowrance Mark™, Elite™, X-series or HDS-5 Display

Make your own Lowrance ice fishing portable. Comes with soft pack, ice transducer, float, platform, tackle trays, 12v DC battery & charger. Works with most Lowrance displays with uniplug connectors and 5" HDS with adapter option.

- Weatherproof soft-side pack with zippered front and rear access, accessory zippered pockets plus "easy-find" mesh stow pouches
- Adjustable, elevating display platform with tackle trays, rod-holder slots, and quick-access lure storage
- Two Plano® StowAway® utility boxes
- Space for two 12 VDC 7A sealed batteries and charger – one battery and charger included
- Special, weighted ice transducer for Mark, Elite, X-4, X-4 Pro (Adapter accessory required for HDS-5)
- Exclusive auto-leveling transducer float system

PPP-18I-Elite/Mark Icefish bag with transducer 000-10209-001
Universal Portable Pack – same as PPP-18I, but with suction-cup transducer mount, instead of ice transducer. 000-11061-001

Transducer Kayak Scupper Mount

This transducer mounting system for sit-on-top fishing kayaks takes full advantage of Lowrance fishfinder performance.

Transducer Kayak Scupper Mount



It allows total submersion of a Skimmer transducer in the water below the kayak for maximum sonar performance and the clearest underwater returns of structure and fish possible.

Easy to install in most kayak scupper openings with few tools and without messy adhesives. Perfect for all 83/200 kHz and earlier (200 kHz) Lowrance Skimmer models, plus DSI imaging transducer. Not for 50/200 kHz Skimmer mounting.

Kayak Scupper Hole Transducer Mount

000-10606-001

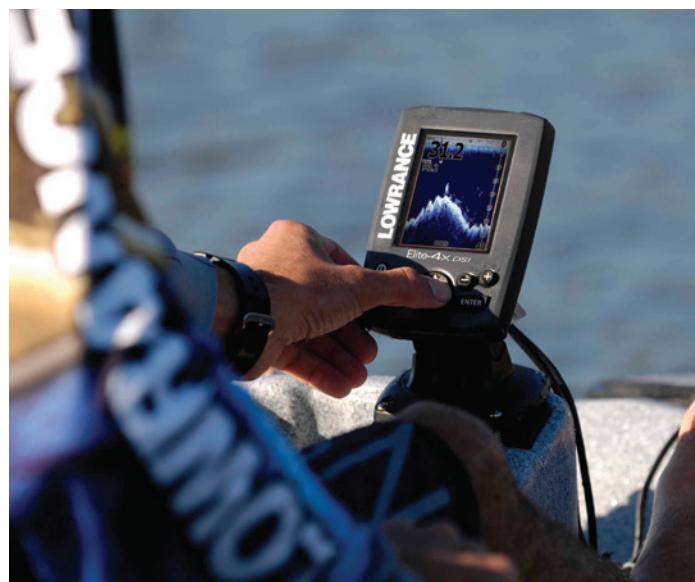
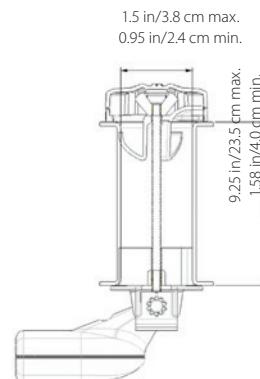
Compatible Scupper Hole Dimensions

Circumference:

3.8 cm/1.5 in MAX | 2.5 cm/1.0 in MIN

Depth:

22.8 cm/9.0 in MAX | 5.0 cm/2.0 in MIN



VHF Radios & Handheld GPS

High-quality, rugged reliability, proven performance and enduring value

VHF Marine Radios

Stay in touch with the unbeatable quality, features and dependability of Lowrance VHF marine communications.

Link-5 DSC



Marine VHF Radio

The Link-5 marine VHF system is compact and affordable with an ultra-rugged waterproof (IPX7) design. Meeting the latest international compliance standards, the Link-5 delivers the ultimate reliability and performance, for unparalleled safety and communication on-the-water, anywhere in the world.

- Delivers ultimate reliability and performance, for safety and communication on-the-water, anywhere in the world with clear and simple Class D DSC operation
- Best-in-class microphone with six quick keys and built-in speaker enhances helm operation, plus easy-grip rubber cover for a secure hold
- Extra-large rotary knob for easy channel changing, menu navigation and settings control
- Clear, bright 1 x 1.8 in (2.6 x 4.6 cm) LCD alphanumeric display with adjustable backlighting
- Vessel lat/lon location data clearly displayed*
- All USA, Canadian and International marine channels with easy access to all DSC functions
- DSC control keys include 16/9; WX; 3CH; CALL; EXIT; SCAN; and MENU
- Large Channel 16 key, dedicated volume and squelch knobs, weather keys, selectable Dual and TriWatch modes, local and distant functions, and three user-programmable ("favorites") channels
- Rotary volume control with power on/off, all-channel priority and memory channel scans, 20 user-programmable names with MMSI, 10 weather channels with a 1050 Hz tone alert, and a second receiver for incoming DSC messages on Channel 70
- Includes flush-mount kit, wires for 4-watt external speakers, a PL259 connection for optional 8 ft (2.4 m) and 3 ft (1 m) fiberglass antennas. Stainless-steel and nylon antenna mounts also available

Link-5 VHF Radio

000-10788-001

Link-8 DSC



Marine VHF Radio

The Link-8 VHF system has packed all of the best safety features into a compact and IPX7 waterproof housing. Featuring dual AIS receiver channels and exclusive Track Your Buddy™ technology, the Link-8 VHF ensures your trips are always safe, convenient and fun.

- Delivers ultimate reliability and performance, for safety and communication on-the-water, anywhere in the world with clear and simple Class D DSC operation
- Best-in-class microphone with six quick keys and built-in speaker enhances helm operation, plus easy-grip rubber cover for a secure hold
- Dual channel AIS receiver built in, view AIS Equipped vessels in range on the LCD and output to MFD with NMEA2000 & NMEA0183
- Clear, bright 1.3 x 2.6 in (3.3 x 7.1 cm) LCD alphanumeric display with adjustable backlighting
- Vessel lat/lon location data clearly displayed*
- All USA, Canadian and International marine channels with easy access to all DSC functions
- DSC control keys include 16/9; WX; 3CH; CALL; EXIT; SCAN; and MENU
- Dedicated volume and squelch knobs, weather keys, selectable Dual and TriWatch modes, local and distant functions, and three user-programmable ("favorites") channels
- Rotary volume control with power on/off, all-channel priority and memory channel scans, 20 user-programmable names with MMSI, 10 weather channels with a 1050 Hz tone alert, and a second receiver for incoming DSC messages on Channel 70
- Dedicated MOB button
- Connections for external Hailer/Horn
- Includes flush-mount kit

Link-8,DSC VHF Marine Radio

000-10789-001

*When interfaced via NMEA 0183 to on board GPS

Handheld GPS

LHR-80 VHF/GPS



Handheld Marine Radio

Advanced and affordable 5/1W waterproof VHF handheld. A great way to make sure you get back to shore safely. Great as a backup radio, it features built-in 12 channel GPS receiver, trackplotter, Great Circle navigation and more. Plus it floats!

- 5W/1W handheld VHF is fully waterproof/submersible (JIS 7) – PLUS floats in sea water
- All USA/Canada/International VHF voice and weather channels
- SC101 DSC automatic distress transmit-receive operation when mounted in charger cradle with NMEA 0183 output connection to chartplotter
- Exclusive Track-Your-Buddy® and Get Buddy® features to locate companion boats
- Large, backlit LCD bitmapped screen maximizes viewing; 4-bar battery life indicator
- Built-in 12 channel GPS with lat/lon output, trackplotter display, waypoint icons and cursor control
- Long-life, high capacity, Li-Polymer rechargeable battery with rapid charger (under 3 hours)
- GREAT CIRCLE NAVIGATION with NMEA 0183 data transfer to external chartplotter when in cradle
- Twelve plotter range scales and 360 point track history with interval control
- All-channel naming, dedicated key for instant three favorite channels access with scan
- Backlit function keys; instant GO/MOB key and 16 key with keylock
- Volume, channel and SQL control with up/down cursor; SMA antenna connector

LHR-80 - Handheld VHF radio with GPS

000-0022-17

i What is DSC?

- Digital Selective Calling (DSC) provides for instant distress calls and digital messaging, and is a component of the international Global Maritime Distress and Safety System (GMDSS).
- When connected with a GPS, the time, precise location and unique ID of the vessel in trouble is automatically broadcast when the DISTRESS button is pressed. So simple, it allows even a non-experienced VHF user to send this continuous distress message with a one-button procedure.
- With DSC you can privately hail another DSC-equipped vessel, or shore station, with a known MMSI (Maritime Mobile Service Identity) number. It will also "ring" and notify you that you have a private hail, and automatically switch you to the open channel your caller is waiting on.
- You can also send and receive messages digitally with DSC between one selected vessel, a group of vessels or ship-to-shore—by dialing-in the MMSI number(s).

i What is Track-Your-Buddy?

- This special function is for safety, teamwork, convenience, and even just for fun.
- It's a great feature that allows you to connect your VHF DSC position polling with chartplotter to show the location of up to three boating friends on the chart display.
- It's also easy to set up: You need a Lowrance LHR VHF, the MMSI number of your buddies' VHF DSC radios and a Lowrance HDS GPS chartplotter. Your VHF will regularly poll your buddies' positions, and the chartplotter will regularly update their locations by MMSI number on your screen.
- Track-Your-Buddy is a truly great aid in locational awareness of your friends in a group boating excursion.

Endura® Handheld Outdoor GPS

Touchscreen GPS navigation for every outdoor adventure. Compact, lightweight and easy to use, the Endura Series is the ideal travel companion for every outdoor adventure.



Endura Out&Back



The most affordable color, touchscreen outdoor GPS available

Operate intuitively with color touchscreen menus and "hot key" physical buttons. Add shared web community content including routes/trails, POI's, elevation data, etc. in GPX format through drag-and-drop to the device.

Endura Out&Back

000-0125-38

Endura Safari



Supreme navigation with touchscreen ease of use

High-performance navigation through combination of best-in-class on board mapping, 3-axis compass, barometric altimeter, and trip computer. Integrated MP3/voice notes, picture and video player features also included. Unparalleled ease-of-use with combination of simplified touch screen interface and "hot key" physical buttons to quickly access main features.

Endura Safari

000-0125-39

Endura Safari with Fishing Hot Spots® PRO USA



Supreme navigation with touchscreen ease of use

The Safari, bundled with the ultimate angler's digital mapping and fishing information for premier U.S. fishing waters on micro SD media card (page 15 for more).

Endura Safari with Fishing Hot Spots® PRO USA

000-10282-001

Parts and Accessories

HDS® Airmar® Transducers		Part
P319	Plastic low-profile thru-hull 50/200 kHz transducer with temp – 45/12° beamwidths, 12 m/39 ft. cable	000-0136-02
P79	Plastic in-hull 50/200 kHz transducer, no temp – 45/12° beamwidths, 12 m/39 ft. cable	000-0136-03
P66	Plastic transom mount transducer 50/200kHz	000-1106-001
TM260	Plastic transom-mount 50/200 kHz 1kW transducer with temp – 19/6° beamwidths, 12 m/39 ft. cable	000-10116-001
B60	Bronze thru-hull 50/200 kHz with temp – 45/12° beamwidths and 20° tilt, 12 m/39 ft. cable	000-00021-001
B744V	Bronze thru-hull 50/200 kHz with temp/speed and high-speed fairing block – 45/12° beamwidths 12 m/39 ft. cable	000-0136-05
B164	Bronze thru-hull 50/200 kHz 1kW transducer with temp – 22/20°+ 6/6° array beamwidths and 20° tilt, 12 m/39 ft. cable	000-10247-001
B258	Bronze thru-hull 50/200 kHz transducer with temp and high-speed fairing block – 15/21° + 3/6° array beamwidths, 12m/39 ft. cable	000-0136-00
B260	Bronze thru-hull 50/200 kHz transducer with temp and high-speed fairing block – 19/6° beamwidths, 12 m/39 ft. cable	000-0106-82
M260	In-hull Tank Plastic in-hull 50/200 kHz transducer tank kit, no temp – 19/6° beamwidths, 12 m/39 ft. cable	000-0106-91
DST-800	Plastic retractable thru-hull 235 kHz triducer, NMEA 2000® digital depth/speed/temp displays	22098479
HDS® Gen2 Lowrance Blue-Connector Tranducers		Part
	HDI 83/200, 455/800 transducer	000-10976-001
	HDI 50/200, 455/800 transducer	000-10977-001
	Trolling motor adapter for HDI transducer	000-10978-001
HST-WSBL	83/200 kHz transom-mount high-speed, low-profile Skimmer® transducer with built-in temp	000-0106-72
HS-WSBL	83/200 kHz transom-mount high-speed, low-profile Skimmer® transducer, no temp	000-0106-71
PDRT-WBL	83/200kHz trolling motor-mount or shoot-thru-hull pod transducer with remote temp	000-0106-89
PD-WBL	83/200kHz trolling motor-mount or shoot-thru-hull pod transducer, no temp	000-0106-73
PDT-WBL	83/200kHz trolling motor-mount pod transducer with built-in depth	000-0106-74
HST-DFSBL	50/200kHz transom-mount high-speed, low-profile Skimmer® transducer with built-in temp	000-0106-77
TMB-S	Trolling motor-mount bracket for high-speed, low-profile Skimmer® transducer	000-0051-45
Suction Cup Kit	Suction cup mount for high-speed, low-profile Skimmer® transducer	000-0051-52
HS-WS-SS Mounting Kit	Stainless steel bracket for 83/200 kHz Skimmer® transducer transom-mounting	000-0099-06
50/200 kHz Mounting Kit	Bracket for 50/200 kHz Skimmer® transducer transom-mounting	000-10392-001
TS-1BL	Temperature sensor (non-NMEA 2000® networked)	000-0099-95
SP-BL	Transom-mount paddlewheel speed sensor (non-NMEA 2000® networked)	000-0099-96
ST-TBL	Transom-mount paddlewheel speed/temp sensor (non-NMEA 2000® networked)	000-0099-97
PTI-WBL	Ice transducer	000-0106-94
XT-12BL	3.6 m/12 ft. blue connector transducer extension cable	000-0099-93
XT-20BL	6 m/20 ft. blue transducer extension cable	000-0099-94
SB-9BL	Switch box to connect two (2) blue connector transducers to one fishfinder	000-0046-26
SB-10BL	Switch box to connect one blue connector transducers to two (2) fishfinders	000-0046-27
StructureScan® HD Sonar Imaging		Part
LSS-2	StructureScan HD w/transducer (includes Skimmer®)	000-10800-001
LSS-2	StructureScan HD no transducer (module only)	000-10801-001
LSS-2	StructureScan HD bronze thru-hull transducer (single)	000-10946-001
LSS-2	StructureScan HD bronze thru-hull pair transducer (pair)	000-10947-001
LSS-2	StructureScan HD Skimmer transducer	000-10802-001
LSS-1TO LSS-2	StructureScan HD transducer adapter cable	000-11040-001
LSS-2	StructureScan HD plastic thru-hull transducer (single)	000-11029-001
10EX-BLK	3 m/10 ft., 9-pin extension cable for imaging transducer	000-00099-006
Ethernet Networking		Part
NEP-2	Network Expansion Port - 12 vDC powered hub expands Ethernet network connectivity for multiple displays and modules	000-10029-001
EThEXT-6YL	1.82 m/6 ft. Ethernet network cable	000-0127-51
EThEXT-1SYL	4.5 m/15 ft. Ethernet network cable	000-0127-29
EThEXT-25YL	7.6 m/25 ft. Ethernet network cable	000-0127-30
EThEXT-50YL	15 m/50 ft. Ethernet network cable	000-0127-37
EThEXT RJ45-6INY	RJ45 to yellow Ethernet adapter cable – 152 mm/6 in.	000-0127-55
EThEXT RJ45-2MTY	RJ45 to yellow Ethernet adapter cable - 2 m/6.6 ft.	000-0127-56
NMEA 2000® Networking		Part
NMEA 2000® starter kit	Backbone required to install one or more NMEA 2000® sensors; includes power cable, 0.6 m/2 ft. cable, 4.6 m/15 ft. cable, two (2) network T-connectors, one each male and female network terminators	000-0124-69
N2K-T-RD	NMEA 2000® network T-connector for connection of display or sensor devices	000-0119-79
N2KEXT-2RD	0.6 m/2 ft. NMEA 2000® cable for network extension or connection to additional display	000-0119-88
N2KEXT-6RD	6ft/1.82m NMEA 2000® cable for network extension or connection to additional display	000-0127-53
N2KEXT-15RD	15ft/4.55m NMEA 2000® cable for network extension or connection to additional display	000-0119-86
N2KEXT-25RD	25ft/7.58m NMEA 2000® cable for network backbone extension only	000-0119-83
N2K-PWR-RD	NMEA 2000® power node (cable + T connector); to upgrade LMS/LCX/GlobalMap series network to HDS system	000-0119-75
NAC-MRD2MBL	Adapter cable to enable connection of a blue NMEA 2000® device to a red or black network	000-0127-04
NAC-FRD2FBL	Adapter cable to enable connection of a red or black NMEA 2000® device to a blue network	000-0127-05
SimNet to N2K Adapter Kit	Connects Simrad RC42 heading sensor to network; includes Simnet-to-NMEA 2000® male adapter, Simnet-2 Joiner, T-connector	000-0127-45
TR-120-KIT	Set of one male and one female NMEA 2000® terminators	000-0127-52
LGC-4000 Spat	Pole mount spat/cone for high-speed LGC-4000 5Hz GPS antenna	000-10169-001
Broadband Radar™		Part
RI11	For Broadband Radar™, Interface Junction Box; also provides heading input for systems via NMEA 0183	AA010204
RI10	For Broadband Radar™, Interface Junction Box; provides heading input for NMEA 2000® systems (use adapter kit 000-0127-45 or adapter cable 24005729)	AA010189
RI11 utility cable	Utility cable, 2m, LT12 connector - used with RI11 for heading	AA010070
10m BR24 Ext Cable	10 m/33 ft. Broadband Radar™ cable	AA010211
20m BR24 Ext Cable	20 m/66 ft. Broadband Radar Radar™ cable	AA010212
30m BR24 Ext Cable	30 m/99 ft. Broadband Radar Radar™ cable	AA010213
SC20	Mast mount kit	SC20
LMB-A1	Self-leveling radar backstay (aft) mount	LMB-A1
PT2001	PowerTower – 350 mm/14 in. white composite	PT2001
PT2004	PowerTower – 150 mm/6 in. white composite	PT2004
HD Digital Radar		Part
Ethernet RJ45 male / male cable 2 m / 6.5 ft.		AA010080
Ethernet joiner- RJ45 female / female		AA010083
Ethernet RJ45 field termination kit		AA010085
SC12	Mast mount kit for 2 kW 18 in. radome	SC12
SC21	Mast mount kit for 4 kW 24in. radome (requires 19042)	SC21
LMB-A2	Self-leveling radar backstay (aft) mount for 2 kW 18 in. radome	LMB-A2
PT2002	PowerTower for 2 kW 18 in. radome - 350mm /14 in. white composite	PT2002
PT2005	PowerTower for 2 kW 18 in. / 4 kW 24 in. radome (4 kW requires 19042) - 150mm / 6 in. white composite	PT2005
19042	Adapter plate for 4 kW 24 in. radome	19042
SonicHub® Entertainment		Part
Lowrance speaker pack	Two (2) 6.5", 4.0ohm, 200W low-magnetic marine grade waterproof speakers	000-10142-001
Elite™ DS/Mark™ DS/ Transducers		Part
Skimmer® transducer DS/ w/Temp	455/800 kHz Skimmer® DS/ imaging transducer with built-in temp	000-10260-001
Trolling Motor transducer	Trolling motor-adapter for 455/800 kHz Skimmer® DS/ imaging transducer	000-10261-001
Adapter DS/	Transom-mount bracket for Skimmer® DS/ imaging transducer	000-10262-001
Transducer Extension DS/	4.5 m/15 ft. extension cable for Skimmer® DS/ imaging transducer	000-10263-001
Uniplug Transducers Elite/Mark/X-4 Series		Part
HST-WSU	200 kHz transom-mount high-speed, low-profile Skimmer® transducer with built-in temp	000-0106-48
HST-50/200-WSU	50/200 kHz transom-mount high-speed, low-profile Skimmer® transducer with built-in temp for M68c	000-0106-49
PDRT-WSU	83/200kHz trolling motor-mount or shoot-thru-hull pod transducer with remote temp	000-0106-69
PD-WSU	83/200kHz trolling motor-mount or shoot-thru-hull pod transducer, no temp	000-0106-52
PDT-WSU	83/200kHz trolling motor-mount pod transducer with built-in temp	000-0106-50
PTI-WSU	Ice transducer	000-0106-68
TS-2U	Second temp sensor for use with all Lowrance uniplug echosounders	000-0099-77
ST-TU	Transom-mount paddlewheel speed/temp sensor	000-0099-75
XT-15U	4.5 m/15 ft. quarter-turn uniplug transducer extension cable	000-0099-91
NDC-4	NMEA-0183 output cable for Elite™, M68c, M52i GPS products	000-0119-31
TA-BL2U-T	Adapter from blue connector transducer to uniplug fishfinder	000-0127-66
Suction Cup Kit	Suction cup mount for Skimmer® transducer	000-0051-52

Flush-Mount Kits		Part	Endura® Mapping	Part
FM-MES	Flush-mount kit for all Elite-5 and Mark-5 displays	000-10028-001	Lowrance outdoor US	NorthEast
FM-6	Flush-mount kit for X67c, M52i, M68c	000-0113-20	Lowrance outdoor US	SouthEast
FM-4	Flush-mount kit for X-52 and X-59 DF	000-0113-03	Lowrance outdoor US	South
Mark/Elite-4 FMKit	Flush-mount kit for Elite-4 and Mark-4 series	000-10662-001	Lowrance outdoor US	Great Lakes
	HDS Gen2 Touch Flush Mount Kit	000-11050-001	Lowrance outdoor US	Mid West
	HDS Gen2 Flush Mount Kit	000-01024-65	Lowrance outdoor US	West
VHF Fixed-Mount		Part	Lowrance outdoor US	
2.5m U/Glass VHF antenna	2.5 m/8 ft. fiberglass quick-fit VHF antenna	AA000355	NorthEast	000-00002-014
1m U/Glass VHF antenna	1 m/3 ft. fiberglass quick-fit VHF antenna	AA000358	SouthEast	000-00002-015
F/down Mnt, Nylon	Nylon quick-fit mount for U/Glass antennas	AA000223	South	000-00002-016
F/down Mnt, S/S	Stainless steel quick-fit mount for U/Glass antennas	AA000224	Great Lakes	000-00002-017
1m S/S + bkt VHF antenna	Sailboat masthead VHF antenna	AA000352	Mid West	000-00002-018
5m VHF extension	5 m/16.4 ft. VHF antenna extension cable	AA000400	West	000-00002-019
VHF Handheld		Part	Lowrance outdoor US	
VKIT-2	LHR-80 charging cradle and UK power adapter	000-10007-001	Rockies	000-00002-020
VKIT-3	LHR80 charging cradle and EU power adapter	000-10008-001	Lowrance automotive	Turn-by-turn automotive coverage for U.S.A., Canada and Mexico
VKIT-5	LHR-80 charging cradle and 12 vDC accessory power plug cable	000-10010-001	Lake Insight™ HD 48 U.S. States	000-11055-001
PC-29	LHR-80 power cable	000-0127-40	TOPO Insight™ PRO 2013 East	000-11066-001
VBP-4	LHR-80 1,400 mAh Li-Polymer battery pack	000-0016-53	TOPO Insight™ PRO 2013 West	000-11067-001
MBC-1	Belt Clip for LHR-80	000-10017-001	Off-Road GPS	
HHA-3	Antenna for LHR-80	000-10016-001	LGC-4000 Baja	Ruggedized 5Hz GPS+WAAS 16-channel external antenna for HDS
Endura® Handheld GPS		Part	FM-12	
	Endura mini USB & NMEA cable	IPx4 000-00002-033	Flush-mount kit for all HDS models	000-0124-65
	Endura cradle and bike mount	000-00002-034		
	Endura carrying case	000-00002-035		
	Endura 12 vDC accessory power plug cable	000-00002-036		
	PAC-9 Endura AC power adapter	000-0127-41		

Elite-7 Fishfinders & Chartplotters



	Elite-7	Elite-7x	Elite-7m
Function	Fishfinders/Chartplotter	Fishfinders	Chartplotter
Display	17.8 cm/7 in. SolarMAX™ PLUS color TFT	17.8 cm/7 in. SolarMAX™ PLUS color TFT	17.8 cm/7 in. SolarMAX™ PLUS color TFT
Resolution	800H x 480V pixels	800H x 480V pixels	800H x 480V pixels
Backlighting	LED	LED	LED
Power Output	Max 250W RMS	Max 250W RMS	N/A
Operating Frequency	50/200 or 83/200 kHz + 455/800 kHz (455/800 kHz in HDI models only)	50/200 or 83/200 kHz + 455/800 kHz (455/800 kHz in HDI models only)	N/A
Depth Capability	DownScan Imaging™. Max 300 ft/91 m @ 455/800 kHz Broadband Sounder™. Max 1000 ft/305 m @ 83/200 kHz Max 2500 ft/762 m @ 50/200 kHz	DownScan Imaging™. Max 300 ft/91 m @ 455/800 kHz Broadband Sounder™. Max 1000 ft/305 m @ 83/200 kHz Max 2500 ft/762 m @ 50/200 kHz	N/A
Operating Voltage	10-17 vDC	10-17 vDC	10-17 vDC
GPS Receiver/Antenna	Internal, high-sensitivity GPS+WAAS (Americas) or GPS+EGNOS+MSAS (non-Americas)	N/A	Internal, high-sensitivity GPS+WAAS (Americas) or GPS+EGNOS+MSAS (non-Americas)
Waypoint Management	Up to 3000 waypoints, 100 routes, 100 waypoints per route, 100 retraceable plot trails, up to 10,000 points per trail	N/A	Up to 3000 waypoints, 100 routes, 100 waypoints per route, 100 retraceable plot trails, up to 10,000 points per trail
Communication	NMEA 2000 / NMEA 0183 Type 232 / NMEA 0183 Type 422	NMEA 2000 / NMEA 0183 Type 232 / NMEA 0183 Type 422	NMEA 2000 / NMEA 0183 Type 232 / NMEA 0183 Type 422
Languages	Choice of 23	Choice of 23	Choice of 23
Media Port	Waterproof micro SD card slot for chart upgrades, e.g. Navionics® Gold or Insight PRO™	N/A	Waterproof micro SD card slot for chart upgrades, e.g. Navionics® Gold or Insight PRO™
Case Size	13.6 cm/5.36 in. H 23.4 cm/9.26 in. W 7.7 cm/3.01 in. D Sealed and waterproof, ideal for saltwater use	13.6 cm/5.36 in. H 23.4 cm/9.26 in. W 7.7 cm/3.01 in. D Sealed and waterproof, ideal for saltwater use	13.6 cm/5.36 in. H 23.4 cm/9.26 in. W 7.7 cm/3.01 in. D Sealed and waterproof, ideal for saltwater use

Product Specifications

HDS® Gen2 Touch Multifunction Displays



	HDS-12	HDS-9	HDS-9m	HDS-7	HDS-7m
Display	30.48cm/12 in Color TFT SolarMAX Plus Touchscreen	30.48cm/9 in Color TFT SolarMAX Plus Touchscreen	30.48cm/9 in Color TFT SolarMAX Plus Touchscreen	17.78cm/7 in Color TFT SolarMAX Plus Touchscreen	17.78cm/7 in Color TFT SolarMAX Plus Touchscreen
Resolution	800V x 1280H pixels	480V x 800H pixels	480V x 800H pixel	480V x 800H pixels	480V x 800H pixels
Backlighting	LED	LED	LED	LED	LED
Power Output RMS [Peak-to-Peak]	32W [250W] actual; 750W [30,000W] analog equivalent	32W [250W] actual; 750W [30,000W] analog equivalent	N/A	32W [250W] actual; 750W [30,000W] analog equivalent	N/A
Operating Frequency	50/83/200/455/800 kHz	50/83/200/455/800 kHz	N/A	50/83/200/455/800 kHz	N/A
Depth Capability	To 1525 m/5,000 ft. Based on transducer	To 1525 m/5,000 ft. Based on transducer	N/A	To 1525 m/5,000 ft. Based on transducer	N/A
Operating Voltage	10-17 vDC	10-17 vDC	10-17 vDC	10-17 vDC	10-17 vDC
GPS Receiver/Antenna	Internal high-sensitivity 16-channel GPS+WAAS/EGNOS/MSAS corrections	Internal high-sensitivity 16-channel GPS+WAAS/EGNOS/MSAS corrections	Internal high-sensitivity 16-channel GPS+WAAS/EGNOS/MSAS corrections	Internal high-sensitivity 16-channel GPS+WAAS/EGNOS/MSAS corrections	Internal high-sensitivity 16-channel GPS+WAAS/EGNOS/MSAS corrections
Waypoint Management	5,000 waypoints, 200 routes, 10 trails up to 12,000 points each	5,000 waypoints, 200 routes, 10 trails up to 12,000 points each	5,000 waypoints, 200 routes, 10 trails up to 12,000 points each	5,000 waypoints, 200 routes, 10 trails up to 12,000 points each	5,000 waypoints, 200 routes, 10 trails up to 12,000 points each
Communication	NMEA 2000® & Ethernet networking, NMEA 0183	NMEA 2000® & Ethernet networking, NMEA 0183	NMEA 2000® & Ethernet networking, NMEA 0183	NMEA 2000® & Ethernet networking,	NMEA 2000® & Ethernet networking,
Languages	Choice of 16	Choice of 16	Choice of 16	Choice of 16	Choice of 16
Media Port	Two (2) SD/MMC slots for cartography, or recording sonar and navigation data	Two (2) SD/MMC slots for cartography, or recording sonar and navigation data	Two (2) SD/MMC slots for cartography, or recording sonar and navigation data	One (1) SD/MMC slot for cartography, or recording sonar and navigation data	One (1) SD/MMC slot for cartography, or recording sonar and navigation data
Case Size	22.47 cm/8.85 in. H 35.10 cm/12.92 in. W 8.28 cm/3.26 in. D Sealed and waterproof, suitable for saltwater use	17.8 cm/7 in. H 26.5 cm/10.43 in. W 8.4 cm/3.3 in. D Sealed and waterproof, suitable for saltwater use	17.8 cm/7 in. H 26.5 cm/10.43 in. W 8.4 cm/3.3 in. D Sealed and waterproof, suitable for saltwater use	16.6 cm/6.52 in. H 21.5 cm/8.48 in. W 9.5 cm/3.72 in. D Sealed and waterproof, suitable for saltwater use	16.6 cm/6.52 in. H 21.5 cm/8.48 in. W 9.5 cm/3.72 in. D Sealed and waterproof, suitable for saltwater use

Radar



LWX-1 SIRIUS® Satellite Weather and Radio Antenna/Receiver



	4G	3G	TX06L-1	Electrical
Type	FMCW Radome	FMCW Radome	Pulse Array	Power 3.5 W maximum (Potted Cable, mSDR, SDM and Antenna)
Size/Weight	48.8 cm/19 in. 7.4 kg/16 lbs.	48.8 cm/19 in. 7.4 kg/16 lbs.	1.28/4 ft. 29 kg/64 lbs.	Source 8 - 18 vDC (Vessel Power)
Output Power	165 mW	100 mW	6 kW	Audio Analog output levels of 2.2V (peak-to-peak) into 600 Ohms
Max. Range Scale	36 nm	24 nm	72 nm	Data/Control Ethernet (NDR to Host)
Min. Range Scale	1/32 nm (200 ft.)	1/32 nm (200 ft.)	1/8 nm	Backup Memory 30 minutes after DC power removal via SUPERCAP
Warm-up Time	16 sec.	16 sec.	90 sec.	Antenna Internal Ceramic Patch
Beamwidth (H/V)	2.6°/25°	5.2°/25°	1.8°/20°	Cables 20 ft./6 m Cat5e cable from NDR to Interface box 6.6 ft./2 m cable to HDS Ethernet connector 3.3 ft./1 m power cable to 12 vDC source
Voltage Required	9 – 31.2v DC	9 – 31.2v DC	10.8 – 42v DC	Voltage Required 9 – 31.2v DC
Rotation Speed	24/36 RPM	24/36 RPM	27 RPM	Rotation Speed 24/36 RPM
Mechanical				
			Size (HxWxD) 2.0 x 5.0 x 3.7 in./ 50 x 127 x 94 mm (excludes pedestal mount)	
			Weight 12 oz./340 g without cable 22 oz./622 g with cable	
			Enclosure White, UV stabilized, injection molded	
			Mounting Flush mount, Pole Mount or Pedestal mount	
Environmental				
			Temperature Range -4°F to +158°F/-20°C to +70°C @ 95% humidity (non-operating) +14°F to +140°F/-10°C to +60°C @ 95% humidity (operating)	

HDS® Gen2 Multifunction Displays



	HDS-10	HDS-8	HDS-7	HDS-5	HDS-5x
Display	26.4 cm/10.4 in. 16-bit color SolarMAX™ PLUS TFT	21.3 cm/8.4 in 16-bit color SolarMAX™ PLUS TFT	16.3 cm/6.4 in. 16-bit color SolarMAX™ PLUS TFT	12.7 cm/5 in. 16-bit color SolarMAX™ PLUS TFT	12.7 cm/5 in. 16-bit color SolarMAX™ PLUS TFT
Resolution	Super VGA 600V x 800H pixels	Super VGA 600V x 800H pixels	Full VGA 640H x 480V pixels	High Contrast 480V x 480H pixels	High Contrast 480V x 480H pixels
Backlighting	Pure white LED screen/ keypad adjusts to zero dim	Pure white LED screen/ keypad adjusts to zero dim	Pure white LED screen/ keypad adjusts to zero dim	Fluorescent cold cathode adjustable screen/ keypad	Fluorescent cold cathode adjustable screen/ keypad
Power Output RMS [Peak-to-Peak]	32W [250W] actual; 750W [30,000W] analog equivalent	32W [250W] actual; 750W [30,000W] analog equivalent	32W [250W] actual; 750W [30,000W] analog equivalent	32W [250W] actual; 750W [30,000W] analog equivalent	32W [250W] actual; 750W [30,000W] analog equivalent
Operating Frequency	50/83/200 kHz	50/83/200 kHz	50/83/200 kHz	50/83/200 kHz	50/83/200 kHz
Depth Capability	To 1525 m/5,000 ft. Based on transducer	To 1525 m/5,000 ft. Based on transducer	To 1525 m/5,000 ft. Based on transducer	To 1525 m/5,000 ft. Based on transducer	To 1525 m/5,000 ft. Based on transducer
Operating Voltage	10-17 vDC	10-17 vDC	10-17 vDC	10-17 vDC	10-17 vDC
GPS Receiver/Antenna	Internal high-sensitivity 16-channel GPS+WAAS/EGNOS/MSAS corrections	Internal high-sensitivity 16-channel GPS+WAAS/EGNOS/MSAS corrections	Internal high-sensitivity 16-channel GPS+WAAS/EGNOS/MSAS corrections	Internal high-sensitivity 16-channel GPS+WAAS/EGNOS/MSAS corrections	None
Waypoint Management	5,000 waypoints, 200 routes, 10 trails up to 12,000 points each; specific icons for navigation and fishing	5,000 waypoints, 200 routes, 10 trails up to 12,000 points each; specific icons for navigation and fishing	5,000 waypoints, 200 routes, 10 trails up to 12,000 points each; specific icons for navigation and fishing	5,000 waypoints, 200 routes, 10 trails up to 12,000 points each; specific icons for navigation and fishing	Waypoints with network only
Communication	NMEA 2000® & Ethernet networking, NMEA 0183	NMEA 2000® & Ethernet networking, NMEA 0183	NMEA 2000® & Ethernet networking, NMEA 0183	NMEA 2000® & Ethernet networking, NMEA 0183	NMEA 2000® & Ethernet networking,
Languages	Choice of 16	Choice of 16	Choice of 16	Choice of 16	Choice of 16
Media Port	Two (2) SD/MMC slots for cartography, or recording sonar and navigation data	Two (2) SD/MMC slots for cartography, or recording sonar and navigation data	One (1) SD/MMC slot for cartography, or recording sonar and navigation data	One (1) SD/MMC slot for cartography, or recording sonar and navigation data	None
Case Size	22.5 cm/8.85 in. H 31.2 cm/12.28 in. W 9.2 cm/3.63 in. D Sealed and waterproof, suitable for saltwater use	19.7 cm/7.76 in. H 26.9 cm/10.59 in. W 9.4 cm/3.68 in. D Sealed and waterproof, suitable for saltwater use	16.4 cm/6.46 in. H 22.3 cm/8.78 in. W 8.8 cm/3.46 in. D Sealed and waterproof, suitable for saltwater use	14.5 cm/5.72 in. H 18.4 cm/7.24 in. W 8.8 cm/3.46 in. D Sealed and waterproof, suitable for saltwater use	14.5 cm/5.72 in. H 18.4 cm/7.24 in. W 8.8 cm/3.46 in. D Sealed and waterproof, suitable for saltwater use

HDS® Gen2 Multifunction Displays



	HDS-7m	HDS-5m
Display	16.3 cm/6.4 in. 16-bit color SolarMAX™ PLUS TFT	12.7 cm/5 in. 16-bit color SolarMAX™ PLUS TFT
Resolution	Full VGA 640V x 480H pixels	High contrast 480V x 480H pixels
Backlighting	Pure white LED screen/ keypad adjusts to zero dim	Fluorescent cold cathode adjustable screen/ keypad
Operating Voltage	10-17 vDC	10-17 vDC
GPS Receiver/Antenna	Internal high-sensitivity 16-channel GPS+WAAS/EGNOS/MSAS corrections	Internal high-sensitivity 16-channel GPS+WAAS/EGNOS/MSAS corrections
Waypoint Management	5,000 waypoints, 200 routes, 10 trails up to 12,000 points each; specific icons for navigation and fishing	5,000 waypoints, 200 routes, 10 trails up to 12,000 points each; specific icons for navigation and fishing
Communication	NMEA 2000® & Ethernet networking, NMEA 0183	NMEA 2000® & Ethernet networking, NMEA 0183
Languages	Choice of 16	Choice of 16
Media Port	One (1) SD/MMC slots for cartography, or recording sonar and navigation data	One (1) SD/MMC slots for cartography, or recording sonar and navigation data
Case Size	16.4 cm/6.46 in. H 22.3 cm/8.78 in. W 8.8 cm/3.46 in. D Sealed and waterproof, suitable for saltwater use	14.5 cm/5.72 in. H 18.4 cm/7.24 in. W 8.8 cm/3.46 in. D Sealed and waterproof, suitable for saltwater use

Product Specifications

Elite & Elite DSI 5" Fishfinders & Chartplotters



	Elite-5x	Elite-5x DSI	Elite-5	Elite-5 DSI	Elite-5m
Function	Fishfinder	DownScan Imaging™ Fishfinder	Fishfinder/Chartplotter	DownScan Imaging™ Fishfinder/ Chartplotter	Chartplotter
Display	12.7 cm/5 in. SolarMAX™ PLUS color	12.7 cm/5 in. SolarMAX™ PLUS color	12.7 cm/5 in. SolarMAX™ PLUS color	12.7 cm/5 in. SolarMAX™ PLUS color	12.7 cm/5 in. SolarMAX™ PLUS color
Resolution	256-color TFT 480 x 480 pixels	256-color TFT 480 x 480 pixels	256-color TFT 480 x 480 pixels	256-color TFT 480 x 480 pixels	256-color TFT 480 x 480 pixels
Backlighting	Fluorescent cold cathode	Fluorescent cold cathode	Fluorescent cold cathode	Fluorescent cold cathode	Fluorescent cold cathode
Power Output Watts RMS/Peak-to-Peak	500/4000	500/4000	500/4000	500/4000	N/A
Operating Frequency	83/200 kHz	455/800 kHz	83/200 kHz	455/800 kHz	N/A
Depth Capability	305 m/1000 ft.	76 m/250 ft.	305 m/1000 ft.	76 m/250 ft.	N/A
Operating Voltage	10-17 vDC	10-17 vDC	10-17 vDC	10-17 vDC	10-17 vDC
GPS Receiver/Antenna	N/A	N/A	High-sensitivity internal 16-channel GPS with WAAS/EGNOS/MSAS correction	High-sensitivity internal 16-channel GPS with WAAS/EGNOS/MSAS correction	High-sensitivity internal 16-channel GPS with WAAS/EGNOS/MSAS correction
Waypoint Management	N/A	N/A	Up to 3000 waypoints, 100 routes, 100 waypoints per route, 100 retraceable plot trails, up to 10,000 points per trail	Up to 3000 waypoints, 100 routes, 100 waypoints per route, 100 retraceable plot trails, up to 10,000 points per trail	Up to 3000 waypoints, 100 routes, 100 waypoints per route, 100 retraceable plot trails, up to 10,000 points per trail
Communication	N/A	N/A	NMEA 0183	NMEA 0183	NMEA 0183
Languages	Choice of 23	Choice of 23	Choice of 23	Choice of 23	Choice of 23
Media Port	N/A	N/A	One waterproof micro SD card slot for Navionics® Gold or Insight PRO® charts	One waterproof micro SD card slot for Navionics® Gold or Insight PRO® charts	One waterproof micro SD card slot for Navionics® Gold or Insight PRO® charts
Mounting	Quick-release base with one-hand tilt/swivel or in-dash mounting	Quick-release base with one-hand tilt/swivel or in-dash mounting	Quick-release base with one-hand tilt/swivel or in-dash mounting	Quick-release base with one-hand tilt/swivel or in-dash mounting	Quick-release base with one-hand tilt/swivel or in-dash mounting
Case Size	13.6 cm/5.37 in. H 17.4 cm/6.85 in. W 6.3 cm/2.48 in. D Sealed and waterproof, ideal for saltwater use	13.6 cm/5.37 in. H 17.4 cm/6.85 in. W 6.3 cm/2.48 in. D Sealed and waterproof, ideal for saltwater use	13.6 cm/5.37 in. H 17.4 cm/6.85 in. W 6.3 cm/2.48 in. D Sealed and waterproof, ideal for saltwater use	13.6 cm/5.37 in. H 17.4 cm/6.85 in. W 6.3 cm/2.48 in. D Sealed and waterproof, ideal for saltwater use	13.6 cm/5.37 in. H 17.4 cm/6.85 in. W 6.3 cm/2.48 in. D Sealed and waterproof, ideal for saltwater use

Mark & Mark DSI 5" Fishfinders & Chartplotters



	Mark-5x Pro	Mark-5x DSI
Function	Dual-Frequency Fishfinder	DownScan Imaging™ Fishfinder
Display	12.7 cm/5 in. Fium SuperTwist	12.7 cm/5 in. Fium SuperTwist
Resolution	16-level grayscale 480 x 480 pixels	16-level grayscale 480 x 480 pixels
Backlighting	Bright white LED adjustable screen/keypad	Bright white LED adjustable screen/keypad
Power Output Watts RMS/Peak-to-Peak	300/4000	300/4000
Operating Frequency	83/200 kHz	455/800 kHz
Depth Capability	305 m/1000 ft.	76 m/250 ft
Operating Voltage	10-17 vDC	10-17 vDC
Languages	Choice of 23	Choice of 23
Mounting	Quick-release base with one-hand tilt/swivel or in-dash mounting	Quick-release base with one-hand tilt/swivel or in-dash mounting
Case Size	13.6 cm/5.37 in. H 17.4 cm/6.85 in. W 6.3 cm/2.48 in. D Sealed and waterproof, ideal for saltwater use	13.6 cm/5.37 in. H 17.4 cm/6.85 in. W 6.3 cm/2.48 in. D Sealed and waterproof, ideal for saltwater use

Elite & Elite DSI
4" Fishfinders &
Chartplotters



	Elite-4X	Elite-4x DSI	Elite-4	Elite-4 DSI	Elite-4m
Function	Fishfinder	DownScan Imaging™ Fishfinder	Fishfinder/Chartplotter	DownScan Imaging™ Fishfinder/Chartplotter	Chartplotter
Display	8.9 cm/3.5 in 256-color TFT	8.9 cm/3.5 in 256-color TFT	8.9 cm/3.5 in 256-color TFT	8.9 cm/3.5 in 256-color TFT	8.9 cm/3.5 in 256-color TFT
Resolution	320x240 pixels	320x240 pixels	320x240 pixels	320x240 pixels	320x240 pixels
Backlighting	White LED display & keypad	White LED display & keypad	White LED display & keypad	White LED display & keypad	White LED display & keypad
Power Output Watts RMS/Peak-to-Peak	262/2100	350/2800	262/2100	350/2800	N/A
Operating Frequency	83/200 kHz	455/800 kHz	83/200 kHz	455/800 kHz	N/A
Depth Capability	305 m/1000 ft.	61 m/200 ft	305 m/1000 ft.	61 m/200 ft	N/A
Operating Voltage	10-17 vDC	10-17 vDC	10-17 vDC	10-17 vDC	10-17 vDC
GPS Receiver/Antenna	N/A	N/A	High-sensitivity internal 16-channel GPS	High-sensitivity internal 16-channel GPS	High-sensitivity internal 16-channel GPS
Waypoint Management	N/A	N/A	Up to 3,000 waypoints, 100 routes, 100 waypoints per route, 100 retracable plot trails, up to 10,000 points per trail	Up to 3,000 waypoints, 100 routes, 100 waypoints per route, 100 retracable plot trails, up to 10,000 points per trail	Up to 3,000 waypoints, 100 routes, 100 waypoints per route, 100 retracable plot trails, up to 10,000 points per trail
Communication	N/A	N/A	NMEA 0183	NMEA 0183	NMEA 0183
Languages	Choice of 23	Choice of 23	Choice of 23	Choice of 23	Choice of 23
Media Port	N/A	N/A	One waterproof micro SD card slot for Navionics® Gold or Insight PRO® charts	One waterproof micro SD card slot for Navionics® Gold or Insight PRO® charts	One waterproof micro SD card slot for Navionics® Gold or Insight PRO® charts
Mounting	Quick-release base with one-hand tilt/swivel or in-dash mounting	Quick-release base with one-hand tilt/swivel or in-dash mounting	Quick-release base with one-hand tilt/swivel or in-dash mounting	Quick-release base with one-hand tilt/swivel or in-dash mounting	Quick-release base with one-hand tilt/swivel or in-dash mounting
Case Size	14.4 cm/5.7 in H 9.4 cm/3.7 in W 4.7 cm/1.8 in D Sealed and waterproof, ideal for saltwater use	14.4 cm/5.7 in H 9.4 cm/3.7 in W 4.7 cm/1.8 in D Sealed and waterproof, ideal for saltwater use	14.4 cm/5.7 in H 9.4 cm/3.7 in W 4.7 cm/1.8 in D Sealed and waterproof, ideal for saltwater use	14.4 cm/5.7 in H 9.4 cm/3.7 in W 4.7 cm/1.8 in D Sealed and waterproof, ideal for saltwater use	14.4 cm/5.7 in H 9.4 cm/3.7 in W 4.7 cm/1.8 in D Sealed and waterproof, ideal for saltwater use

Mark & X-Series
4" Fishfinders &
Chartplotters



	Mark-4	X-4	X-4 Pro
Function	Fishfinder/Chartplotter	Fishfinder	Fishfinder
Display	8.9 cm/3.5 in 16-level greyscale LCD	10.2 cm/4 in. Film SuperTwist	10.2 cm/4 in. Film SuperTwist
Resolution	320x240 pixels	4-level grayscale 240V x 160H pixels	4-level grayscale 240V x 160H pixels
Backlighting	White LED display & keypad	Incandescent/screen	Incandescent/screen
Power Output Watts RMS/Peak-to-Peak	262/2100	100/800	188/1500
Operating Frequency	83/200 kHz	200 kHz	83/200 kHz
Depth Capability	305 m/1000 ft.	180 m/600 ft.	305 m/1000 ft.
Operating Voltage	10-17 vDC	10-17 vDC	10-17 vDC
GPS Receiver/Antenna	Accurate internal 16-channel GPS with WAAS/EGNOS/MSAS correction	N/A	N/A
Waypoint Management	Up to 3,000 waypoints, 100 routes, 100 waypoints per route, 100 retracable plot trails, up to 10,000 points per trail	N/A	N/A
Communications	NMEA 0183	N/A	N/A
Languages	Choice of 23	Choice of 11	Choice of 11
Media Port	One waterproof micro SD card slot for Navionics® Gold or Insight PRO® charts	N/A	N/A
Alarms	Sonar and GPS	Deep/shallow/fish	Deep/shallow/fish
Case Size	14.4 cm/5.7 in H 9.4 cm/3.7 in W 4.7 cm/1.8 in D Quick-release base with one-hand tilt/swivel or dash flush-mount Sealed and waterproof, ideal for saltwater use	14.7 cm/5.8 in. H 10.8 cm/4.3 in. W 6.6 cm/2.5 in. D Sealed and waterproof, ideal for saltwater use	14.7 cm/5.8 in. H 10.8 cm/4.3 in. W 6.6 cm/2.5 in. D Sealed and waterproof, ideal for saltwater use

Product Specifications

VHF Radios



VHF/GPS Features	Link-5 Fixed-Mount	Link-8 Fixed-Mount	LHR-80 Handheld
Dimensions (HWD) and weight - w/o bracket, microphone, or antenna	96 x 180 x 156 mm 3.8 x 7.1 x 6.1 in. 3.7 lbs (1.66 kg)	101 x 335 x 233mm 3.9 x 13.1 x 9.1 in 4.96 lbs (2.25kg)	139 x 67.8 x 38.1 mm 5.5 x 2.67 x 1.50 in. 0.70 lbs (0.318 kg) with battery
LCD Display (HW)	Backlit Matrix FSTN 1.0 x 1.8 in.; 26 x 46 mm	Backlit LCD FSTN 1.3 x 2.6 in.; 33 x 71 mm	Backlit FSTN Full bitmapped (128 x 128) 1.52" x 1.52"; 38.7 x 38.7mm
Channel Bank and Select Operation	All International and country-specific channels including dual watch	All International and country-specific channels including dual watch	All International and country-specific channels with channel naming including dual watch
Hand Microphone Features	PTT button, Hi/Lo, CH16, 3CH, channel up/down, built-in speaker	PTT button, Hi/Lo, CH16, 3CH, channel up/down, built-in speaker	—
Power Supply/Battery Life	13.6 vDC±15%	13.6 vDC±15%	7.4V – 1400 mAh Li-Polymer >8 hr (SW 5%, 5%, 90% ratio, GPS on), 230mA in Standby >9 hr (W 5%, 5%, 90% ratio GPS off). 70mA in Standby With battery level indicator
Audio Output Power	2W - 80 @ 10% distortion 94dBA internal speaker 4W - 40 @ 10% distortion with external speaker	In Mic: 80dBA @1m D57mm speaker: 94dBA @ 1m	400mW internal speaker
Digital Selective Calling - DSC	Full Class D	Full Class D	—
DSC Call Types	All calls are available - including high resolution position polling and Track-Your-Buddy	All calls are available - including high resolution position polling and Track-Your-Buddy	—
Directory/MMSI Entry	20 Individual + Group MMSI + User MMSI	20 Individual + Group MMSI + User MMSI	ATIS MMSID
Built-in GPS	—	—	YES, LL fix less than 5 sec HOT start
Call Logs	20 Individual/10 Distress	20 Individual/10 Distress	—
GPS Input + Output	NMEA 0183/NMEA 2000®	NMEA 0183/NMEA 2000®	NMEA 0183 output while on cradle
Hailer with Intercom Talkback/ External Speaker	Powerful 22W Hailer with Auto/manual sounds and listen-back, plus external speaker jack	PA/Hailer output with listen-back	—
Navigation with Waypoints and MOB	200 Waypoints with instant GO control	200 Waypoints with instant GO control	500 Waypoints with instant GO control. One track with 360 Trackpoints/ control. Selection to show nearest 5 Waypoints
FM Stereo Radio	USA/EU/AUS bands	—	—
Local/Distance	YES	YES	YES
3 Favorite Channel Select/Scan	YES	YES	YES
12db Sinad Sensitivity	.25uV (distant)/.8uV (local)	.25uV (distant)/.25uV (local)	.25uV
Other Standard Features	Flush mount kit and sun cover	Flush mount kit, sun cover and Built in AIS receiver	IT FLOATS. Built-in 12-channel GPS receiver with lat/lon output, Great Circle navigation trackplotter display, local waypoint icons and cursor control. GPS satellite screen

Endura Handheld GPS



	Out&Back	Safari	Key Features	Out&Back	Safari
Receiver	42-channel, Internal GPS antenna, WAAS/EGNOS/MSAS correction	42-channel, Internal GPS antenna, WAAS/EGNOS/MSAS correction	Built-in Backup Memory	●	●
Display	6.8 cm/2.7 in. 320V x 240H pixels optimized QVGA color touchscreen	6.8 cm/2.7 in. 320V x 240H pixels optimized QVGA color touchscreen	Accepts GPX Trail/POI Data	●	●
Backlighting	White LED screen, adjustable	White LED screen, adjustable	Geocaching Application	●	●
Cartography	Regionalized built-in mapping, Optional cartography on micro SD media	Regionalized built-in mapping, Optional cartography on micro SD media	Navigation Bearing Detail	●	●
Waypoint Management	Up to 4000 waypoints; 500 routes/up to 250 waypoints per route; 100 trails/up to 10,000 points per trail; 4,000 geocaches; 194 graphic marker icons	Up to 4000 waypoints; 500 routes/up to 250 waypoints per route; 100 trails/up to 10,000 points per trail; 4,000 geocaches; 194 graphic marker icons	3D Compass	—	●
Communications	NMEA 0183 output	NMEA 0183 output	Barometric Altimeter	—	●
Battery/Life	Two AA (sold separately) 10 – 15 hours	Two AA (sold separately) 10 – 15 hours	Trip/Route Recording	●	●
Case	13 cm/5.1 in. H 6 cm/2.4 in. W 3.1 cm/1.2 in. D Sealed and IPx7 waterproof with rubber armoring 0.165 kg/0.36 lbs.	13 cm/5.1 in. H 6 cm/2.4 in. W 3.1 cm/1.2 in. D Sealed and IPx7 waterproof with rubber armoring 0.165 kg/0.36 lbs.	Power Standby Mode	●	●
			Picture Viewer	●	●
			MP3 Player	—	●
			Video Player	—	●
			Headset Jack & Speaker	—	●
			Microphone	—	●
			Uses up to 32GB micro SD cards	●	●
			Mini USB Data/Power Port	●	●

SonicHub™ Marine Audio Server/Stereo



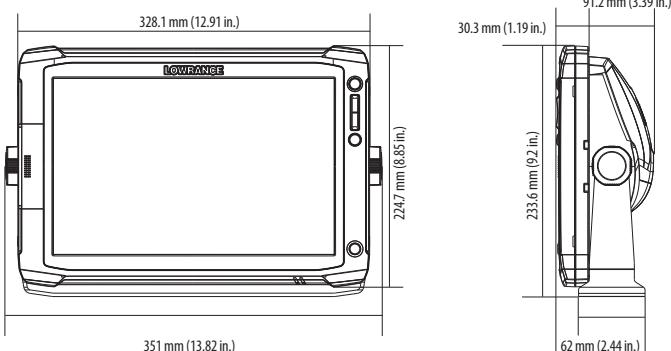
Components	Waterproof server hub module, Media dock, and two 6.5 in./165 mm marine speakers, plus iPod/iPhone dock sleeves
Media	Hub Module - Built-in AM/FM tuner (antenna/coupler purchased separately) Stereo AUX IN - audio CD/DVD/MP3 devices Stereo SAT IN - SIRIUS® Satellite Radio Mono SUB OUT - subwoofer
Hub Amplifier	4 channel/50W per channel
Tuning Range	FM – 87.4 MHz to 108.0 MHz; Frequency step: 100 kHz AM – 530 MHz to 1710 MHz; Frequency step: 10 kHz
Communication	NMEA 2000®
Control	Full audio selections/control from any HDS® multifunction display on the NMEA 2000® on board network
Operating Voltage	10 – 16 vDC
Current	15 A (Max); 250 mA (Muted)
Temperature Range	-40° C to +80° C/-40° F to +176° F (stored) -20° C to +60° C/-4° F to +140° F (operating)
Weight	0.88 kg/1.96 lbs.
Dimensions LxWxH	107 x 225 x 62 mm/4.2 x 8.9 x 2.4 in.

StructureScan™ Sonar Imaging

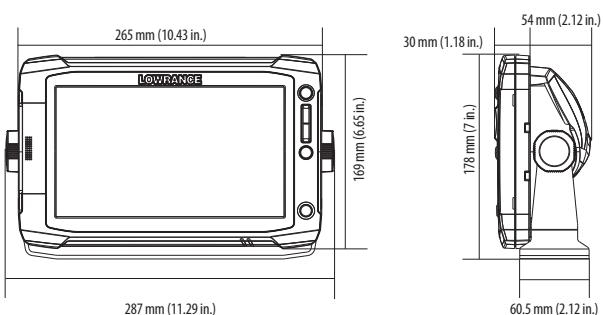


LSS-2 Module	
Power Requirement	12 vDC
Input Voltage	10 – 17 vDC
Transmit Power Watts Peak-to-Peak/RMS	4,000/500
Current Drain	.75A maximum .60A typical 4.7A inrush peak
Fuse Type	External 3A automotive blade
Networking	Ethernet; connectors for 3 devices; NEP-2 option
Imaging Transducer	
Cable Length	20 ft./6 m
Target Separation	1.5 in./38.1 mm
Frequencies	455 kHz and 800 kHz
Weights	
LSS-1 Module	1.5 kg/3.4 lbs.
Imaging Transducer	3.1 kg/6.85 lbs.
Sidescan Detail	
Maximum Range	183 m/600 ft. side-to-side
Maximum Depth	46 m/150 ft.
Bottom Tracking	56 kph/35 mph and less
Mark Objects	24 kph/15 mph and less
Optimum Speed	3 – 13 kph/2 – 8 mph or less
DownScan™ Imaging Detail	
Maximum Depth	92 m/300 ft.
Bottom Tracking	88 kph/55 mph and less
Mark Objects	56 kph/35 mph and less
Optimum Speed	3 – 13 kph/2 – 8 mph or less

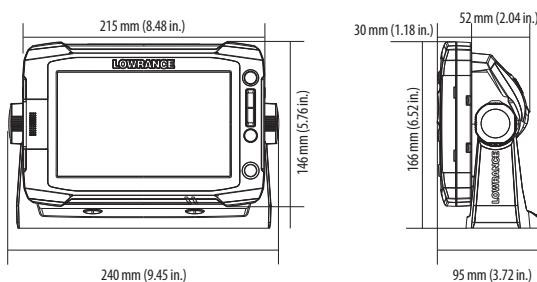
HDS-12 Gen 2 Touch 12



HDS-9 Gen 2 Touch

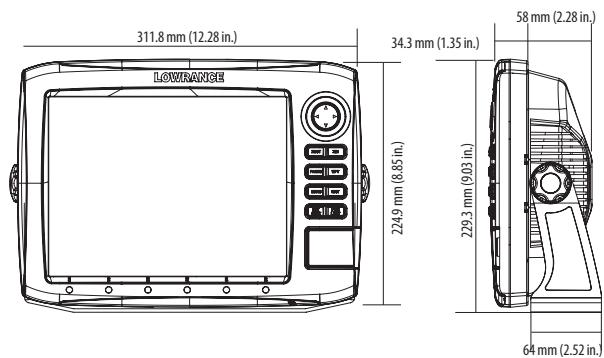


HDS-7 Gen 2 Touch

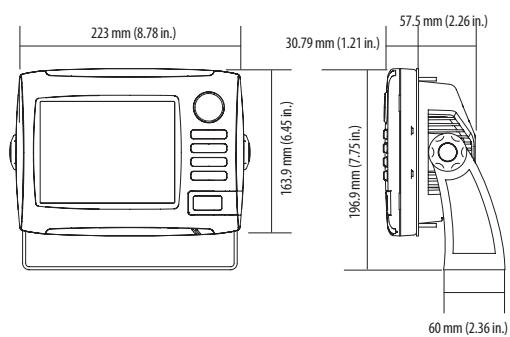


Product Specifications

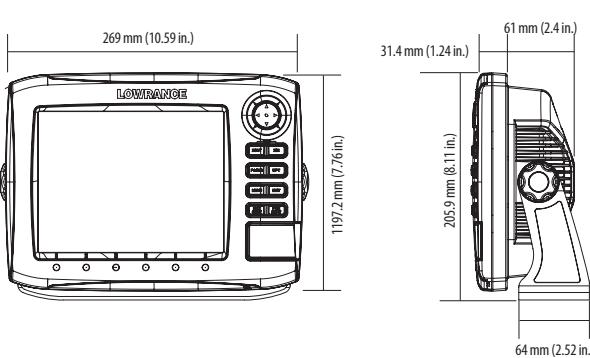
HDS-10 Gen 2



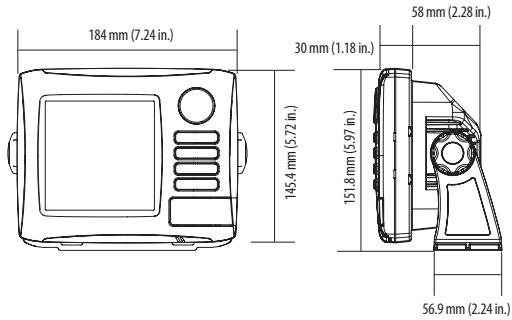
HDS-7 Gen 2



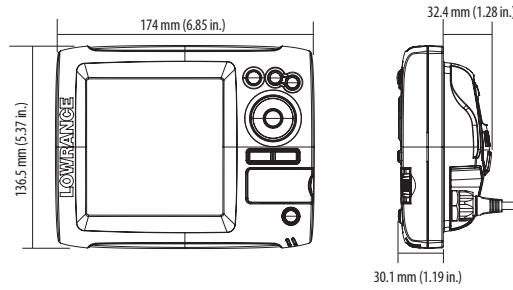
HDS-8 Gen 2



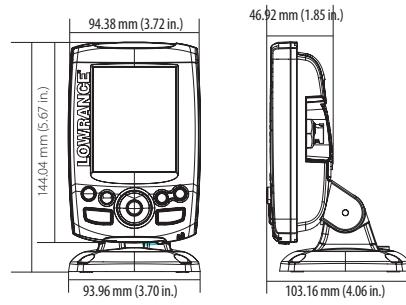
HDS-5 Gen 2



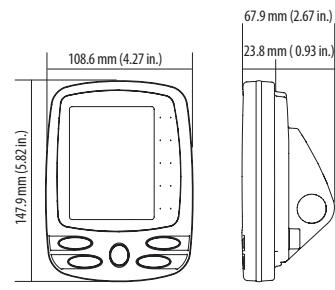
Elite/Mark-5 Series



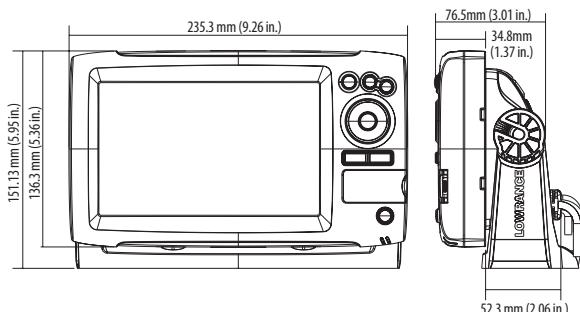
Elite/Mark-4 Series



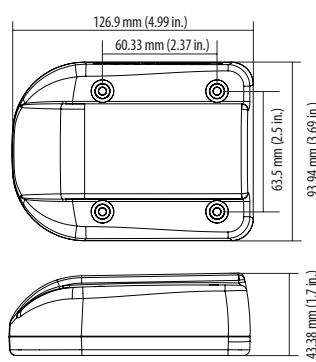
X4/X4 Pro



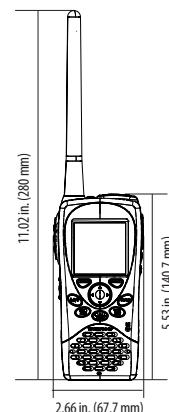
Elite-7



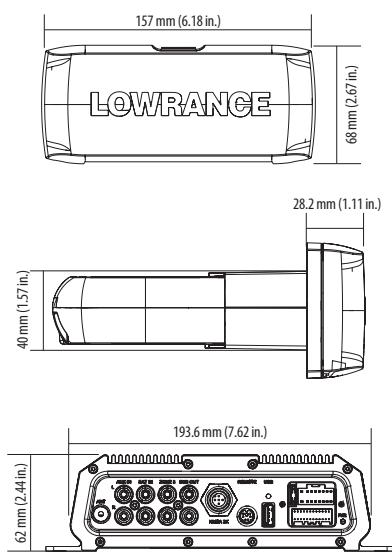
LWX-1 Sirius XM



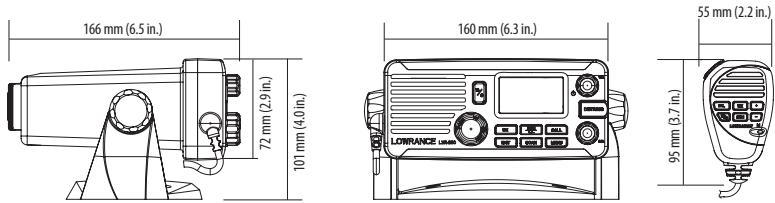
LHR-80 VHF GPS



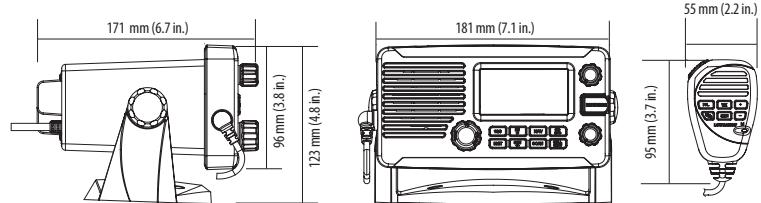
SonicHub™ Marine Audio Server/Stereo



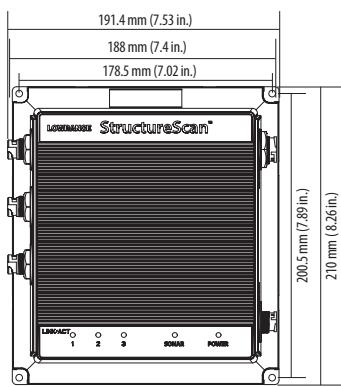
Link-5



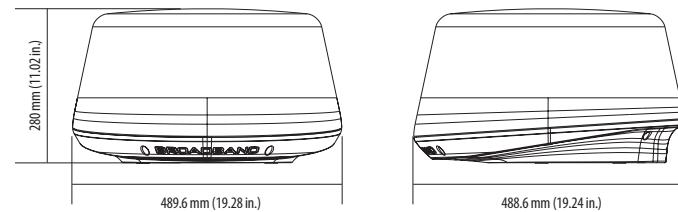
Link-8



StructureScan™ Sonar Imaging



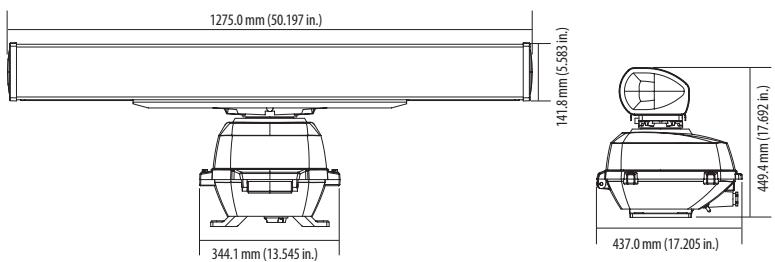
Broadband 3G/4G Radar™



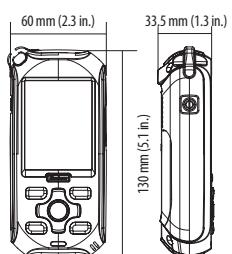
Port to STBD

Bow to Stern

TX06L-1 HD Radar



Endura Handheld GPS





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