



The display on the HOOK Reveal 7 is basically exactly the same as what Lowrance used on the HOOK<sup>2</sup> - a 7" SolarMax HD. SolarMax HD. SolarMax HD. SolarMax displays are the standard for pretty much every high-end Lowrance fish finder - and for good reason. You can use this thing in almost any conditions - rain, shine, fog, and even at night. The screen is bright, and easy to read from a variety of angles. If you've got 10 people in your boat, you might want another device or a bigger screen, but for most setups, the 7" will be more than enough for anyone to get the information they need at a glance. One of the biggest advantages of this model's display is the up to 4 panel split screens. That means you can have up to four different views at once - it's common to see the map, DownScan, SideScan, and traditional sonar chart all on-screen at once. You can also adjust the size of these splits, so the panels you find most important are the biggest. Lowrance also introduced a number of new color palettes for this model, so you'll be able to adjust the color of your sonar charts and StructureScan to better suit your needs. All of the classic visual adjustments are available here, too - you can zoom in and out of your sonar chart, adjust the colorline, and even switch to a flasher for jigging and ice fishing. Now that we've had a chance to talk about the display, let's chat for a moment about the interface. The HOOK Reveal has a touchpad interface with no touchscreen. We really like touchpads - touchscreens can get wet, and that impedes navigation. We do, however, prefer touchscreen navigation - something this unit doesn't offer. We understand the reasoning, however. Touchscreens are expensive, and this device is marketed toward beginners and budget-conscious anglers. Fortunately, this unit is pretty much plug-and-play. The menus can be a bit dense, but they're well laid out, and the keys are super simple. The home key brings you back to the homepage - for most of you, that page will end up being a multi-panel split screen with vital information. There are arrow keys to navigate, an exit key, a select key, and keys for setting waypoints and zooming in and out. You'll figure it all out in no time flat. You may remember that, at the top of this review, we mentioned that some users were unhappy about their HOOK Reveal purchase. Many of these users simply purchased the wrong package. Some of these users were, undoubtedly, disappointed in their choice of sonar. To understand the sonar available, we have to look at the three different transducers are the SplitShot, the TripleShot, and the 50/200 HDI. You can look at the technical specs toward the top of the article for more information, but the long and short is that the SplitShot is the least expensive, the TripleShot offers SideScan and StructureMap, and the 50/200 HDI offers the best range/depth. The transducer you'll want will depend on your needs. Now, all of these transducers offer CHIRP sonar. CHIRP sonar basically gives you better information and more accurate target separation, because instead of only sending out one frequency, it sends out a pulse of different frequencies in order to receive a wider variety of returns. This diversity of returns means the transducer can more accurately assess the size and shape of objects. The SplitShot and TripleShot both offer 200 kHz CHIRP sonar (which is actually 130-210 kHz sonar). Lowrance claims that this means this frequency "delivers double the CHIRP sonar coverage of most fish finders". That's not as useful as it might seem at first glance. When you're fishing off steep breaks, or you're trying to cut out noise, a wide cone isn't helpful - it's actively harmful. The 50/200 HDI transducer fixes this problem by offering a 50 kHz option - a much narrower cone. This cone also goes much deeper, so it's useful for anglers who want to fish in water columns that extend more than 500 feet down. The 50/200 HDI does not, however, come with SideScan, which limits some of the imaging and mapping features of your device. That means anglers have a choice to make - do they want better imaging, or do they want a narrower cone for their sonar? We wish anglers didn't have to.Fortunately, the choice is usually obvious. If you know you'll be fishing in depths below 500 feet, go with the 50/200 HDI. The same rule applies if you're worried about noise on your sonar for any of the reasons we mentioned. On the flip side, if you want to maximize your mapping and imaging, go with the TripleShot. Those of you don't care about any of those things can go with the SplitShot, and save a bitThe imaging you'll get with the HOOK Reveal depends on your transducer. Those of you who opt for the SplitShot or 50/200 HDI will have DownScan, while those of you who get the TripleShot will also get SideScan.Many anglers find imaging incredibly helpful. It makes it much easier to see both structure and fish swimming in and around structure. When coupled with your sonar chart, it can seriously improve your catch rate. It's also useful for pre-fishing lakes. The imaging on the HOOK Reveal 7 isn't spectacular - you're limited to either 455 kHz (for more range) or 800 kHz (for sharper, more accurate images). There are other fish finders that offer imaging with frequencies in the MHz, but they tend to be a lot more expensive than the HOOK Reveal. All in all, we like the imaging on this device. With the assortment of color palettes available, it's usually easy to distinguish between structure and fish. Where this unit really shines for its price is with its mapping. That is, if you buy the right model. There are HOOK Reveal 7s that don't include charts - these units are sometimes called HOOK Reveal 7X. These units don't come with maps, can't install or display any maps, and aren't compatible with Genesis live, a feature we'll talk about shortly. If you want to make the most out of the way, the non-7X model. With that disclaimer out of the way, the non-7X model. With that disclaimer out of the way, the non-7X model. We have the most out of your fish finder/chartplotter, don't get a 7X model. We have the most out of the way, the non-7X model. We have the most out of the way, the non-7X model. We have the most out of the way is a feature we'll talk about shortly. If you want to make the most out of the way, the non-7X model. We have the most out of the way is a feature we'll talk about shortly. If you want to make the most out of the way is a feature we'll talk about shortly. If you want to make the most out of the way is a feature we'll talk about shortly. 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You can create a number of waypoints, routes, and tracks on the HOOK Reveal, so you'll be able to record the route to your favorite fishing spots and navigate to them with ease. This is a standard feature on almost every unit at this price point - it's nice to have. All of these mapping features are fantastic - and we saved the best (in our opinion) for last. Genesis live allows you to create your own contour maps, so if there are any bodies of water with contours that haven't been charted, you can chart them. Best of all, you can share them online. There's a pretty active community using Genesis, so you can also download other people's maps - all for free. This can seriously expand the number of maps you have, and make your fishing adventures all the more exciting. Networking? On a model at this price? Well, there's no Bluetooth, and there's no Ethernet port. So here's the deal. If you want to transfer data on or off your HOOK Reveal, you're going to put on your shoes, and walk your Micro SD card to and from the device. It's called "sneakernet", and it's how we used to do it back in the old days, with floppy disks. We had to walk them uphill both ways, and... You get the idea. We wish there was networking on this thing, but given its cost, we understand why there isn't. It's supposed to be a beginner-friendly unit anyway, so Lowrance is probably making the assumption that you don't have a lot of other toys on your boat. There are a few nifty features on this unit that we want to talk about. One is only available with the TripleShot, while the other two can be used with any HOOK Reveal unit. The feature that's available on every HOOK Reveal is FishReveal. FishReveal is FishReveal combines 2D sonar with 3D imaging, and overlays fish arches on structure and other images in your 3D view. This makes it much easier to find larger fish, like bass, swimming among a school of baitfish, especially if they're near submerged grass or other structures. The second feature we want to talk about is StructureMap. This is basically an overlay option that allows you to lay your SideScan images over top of your map. This is only available with the TripleShot, but it's extremely useful for prefishing. You'll be able to go to specific locations on your map, all the while knowing exactly what structure you'll find around those locations. No surprises, no guesswork. Finally, the auto tuning sonar. This one is pretty straightforward - the best depth range and sensitivity for the sonar are both automatically determined by the unit. You can turn auto off if you want, but for most beginners and casual hobbyists, the auto tuning sonar is what makes this unit truly plug-and-play. This is a fantastic unit for beginners and hobbyists, the auto tuning sonar is what makes this unit truly plug-and-play. This is a fantastic unit for beginners and hobbyists who are ready to shell out a little bit of cash for their first taste at a premium fish finder. Our minor gripes with the transducer and lack of networking aside, this is a truly wonderful unit for the cost, and one we highly recommend if you're looking for incredible mapping for a low price. Lowrance's Hook Reveal 7 TripleShot is a versatile and advanced fish finder with several key features to enhance the fishing experience. It includes the TripleShot transducer, which offers high-quality sonar capabilities, including CHIRP sonar, SideScan, and DownScan imaging. These features allow for detailed views of fish and structure both directly below and to the sides of the boat. The device's Fish Reveal technology is a standout feature, cleverly combining the base of the boat. provides clear visuals, and the user interface is designed for ease of use. This model also includes GPS and mapping features, enabling applers to easily navigate and mark favorite fishing spots. Overall, the Hook Reveal 7 TripleShot is well-suited for anglers seeking a comprehensive, user-friendly Lowrance fish finder with advanced sonar capabilities. Key Specifications: SpecificationDetailDisplay Size7 inchesResolution800 x 480Sonar TechnologyCHIRP Sonar, SideScan; 600 ft (183 m) side-to-side @ 455kHz, 300 ft (91 m) side-to-side @ 800 kHzGPSBuilt-inMappingPreloaded C-MAP or US Inland MappingWaterproof RatingIPX7Price (MSRP)\$449.99 USD Pros: Advanced Sonar Capabilities: The TripleShot transducer offers high-quality CHIRP, SideScan, and DownScan imaging. FishReveal Technology: Combines traditional sonar with DownScan imaging for clearer fish identification. Bright Display: The 7-inch SolarMAX screen provides clear and readable visuals even in direct sunlight. Built-in GPS Plotter: Allows for easy navigation and marking of fishing spots. Preloaded Maps: Comes with C-MAP or US Inland mapping for better navigation. User-Friendly Interface: Easy to operate, making it suitable for both beginners and experienced anglers. Waterproof: IPX7 rating ensures durability in marine environments. Cons: Price: Might be slightly expensive for hobbyists or occasional users. Size and Weight: Bulkier and heavier than smaller models, which could be a concern for small boats or limited space. Not Suitable for Deep Water Fishing: The maximum depth range of 500 ft makes it only suitable for shallow waters. Limited for outdoor fishing, offering a display that balances size, clarity, sunlight visibility, and durability, all of which are important for a good fishing experience. Key aspects of its display include: Screen Size: The 7-inch display is a good balance between visibility and portability. It provides enough screen readings, maps, and other navigational data without being overly bulky on a small boat. Resolution and Clarity: While specific resolution details var Lowrance is known for producing screens with good clarity and detail, which is crucial for interpreting sonar data and underwater structures. SolarMAX displays, which offer excellent sunlight readability. This technology ensures the screen remains visible in bright outdoor conditions, a crucial factor for outdoor fishing. Color and Contrast: The color displays are designed to enhance the differentiation of underwater features and fish arches. Good contrast settings further aid in distinguishing details even in varying light conditions. Viewing Angles: The viewing angles are typically wide enough to allow for easy reading of the display from different positions on the boat. Durability and Weather Resistance: These displays are built to withstand the marine environment, being water-resistant and durable enough to handle exposure to the elements. The sonar performance of the Hook Reveal 7 TripleShot is generally considered very good, especially considering its price point. While it may not match the absolute performance of the high-end fish finders, it offers a compelling balance of features and quality. The TripleShot transducer provides comprehensive coverage with frequencies for traditional sonar (200 kHz/High Chirp), DownScan (455 kHz, 800 kHz), and SideScan (455 kHz, 800 kHz). The SideScan Imaging of the Hook Reveal 7 TripleShot is quite impressive for its class. It offers clear and detailed views of underwater structures and fish, with the ability to scan up to 183 meters (600 feet) side-to-side at 455 kHz and up to 91 meters (300 feet) at 800 kHz. The higher frequency (800 kHz) provides finer detail, ideal for scrutinizing specific areas, while the lower frequency (455 kHz) offers broader coverage, useful for scanning larger areas. This versatility makes it suitable for various fishing environments. The above SideScan image from the Hook Reveal 7 TripleShot demonstrates a good level of detail and clarity, which is indicative of the unit's performance. Here is an analysis of the performance and usefulness of SideScan in this fish finder: Detail Resolution: The image shows distinct structures such as branches or a tree, suggesting that the side scan image shows a broad area on both sides of the boat. This wide coverage allows you to survey a large swath of water with each pass, making it efficient for locating points of interest. Contrast sensitivity. This is important for discerning different types of bottom composition and structure. Water Column and Bottom Visibility: The side scan provides a clear view of the water column to the lake or river bed, and to identify where the bottom features are located relative to the surface. While Hook Reveal 7 TripleShot lacks the clarity and detail of premium side scanning fish finders, it is typically more than adequate for most recreational and serious anglers. It provides a good balance of range and clarity, helping users identify fish, track bottom contours, and understand the underwater environment effectively. The DownScan imaging of the Hook Reveal 7 TripleShot is also highly regarded, especially for a fish finder in its price range. It offers clear and detailed views beneath the boat, which is a significant advantage for anglers looking to identify fish-holding structures and bottom composition. The DownScan technology on the TripleShot transducer operates at frequencies of 455 kHz, it provides a wider view with good detail, suitable for scanning larger areas under the boat. The 800 kHz frequency offers even finer detail, which is excellent for closely examining specific structures or areas. This higher resolution is particularly useful for distinguishing between tight groupings of fish and nearby structures. With maximum depths of 91 meters (300 feet) at 455 kHz and 46 meters (150 feet) at 800 kHz, the DownScan on the Hook Reveal 7 TripleShot is effective for a wide range of freshwater and coastal saltwater fishing environments. FishReveal is a beneficial feature in Hook Reveal because it combines the detailed information from CHIRP sonar and DownScan imaging into a single, easy-to-interpret view. CHIRP sonar is excellent at detecting fish arches and providing information about the water column, while DownScan imaging offers high-resolution images of the structure beneath the boat. By merging these two data sets, FishReveal makes it easier for anglers to identify fish targets against the structure. This is especially useful in waters where fish may be hiding or blending into the bottom or in areas with dense underwater vegetation or other complex structures. The clarity and precision of the combined view help anglers to more accurately distinguish between fish and other underwater objects, improving their fishing efficiency and success. The GPS and mapping features of the Hook Reveal 7 TripleShot are well-suited for a range of fishing and boating scenarios, from inland lakes and rivers to coastal areas in the US. Below are the mapping options: Preloaded US Inland Mapping: These charts are ideal for anglers and boaters navigating inland waters across the United States. The preloaded maps cover thousands of US lakes and rivers, providing useful contours and depth information. The level of detail is generally sufficient for most fishing hotspots. C-MAP Contour+ Card: This option expands the mapping capabilities to include detailed charts for the US and Canada, making it an excellent choice for those fishing in North American waters. The C-MAP Contour+ provides enhanced details such as high-resolution bathymetry, structure outlines, and detailed coastlines. This level of detail is particularly valuable for identifying fishing areas, navigating tricky waters, and understanding underwater structures in both freshwater and coastal environments. Genesis Live: This real-time mapping feature allows users to create their own high-definition maps of uncharted or poorly mapped waters. It's particularly useful for local spots that might not be covered in preloaded or C-MAP charts. With Genesis Live, anglers can map the depth contours and bottom hardness in real-time, providing a significant advantage in exploring and understanding new fishing areas. TripleShot transducer, known for its features in providing high-quality sonar capabilities. However, regarding its build quality and suitability for specific boats, there are a few points to consider: The TripleShot transducer is generally well-regarded for its build quality. It is designed to offer robust performance and durability, essential for marine electronics. The inclusion of multiple sonar technologies in one unit is an indicator of advanced engineering and design. long and has a high 'knuckle' or protrusion, making it challenging to mount on smaller kayaks or very compact boats. Here are the types of boats for which the TripleShot transducer is suitable for larger Kayaks such as the Predator Big Water 132 Its size and mounting design make it more appropriate for kayaks with ample space. Small to Medium-Sized Fishing Boats: The TripleShot transducer can be a good choice for small to medium-sized fishing boats, especially those used in freshwater or inshore saltwater fishing. These boats usually have enough space to accommodate the transducer and can benefit from its advanced sonar capabilities. Pontoon boats, often used for leisure activities including fishing, can be suitable for the TripleShot can be beneficial. The Hook Reveal 7 TripleShot, priced around \$450, offers a competitive set of features in its price range. This includes CHIRP sonar, SideScan, and DownScan imaging. The combination of these three technologies in one unit provides a comprehensive view of underwater structures, fish, and terrain. This level of integration is often found in higher-priced models. At this price point, this is the best cheap side imaging fish finder. The 7-inch display is a decent size for easy viewing. The resolution and clarity are generally good and are comparable to what the competitors offer. The FishReveal technology is a plus. This combines the benefits of CHIRP sonar and DownScan imaging to make fish easier to identify. This is a notable feature that enhances the usability of the device, especially for beginners. The Hook Reveal 7 display unit typically offers several mounting options to accommodate different boat layouts and user preferences. These options include: Bracket Mount: This is a common and versatile option that allows the display unit to be attached to a bracket, which is then mounted on the boat's dash or another flat surface. This setup provides flexibility in positioning and is relatively straightforward to install. Flush Mount: For a more integrated look, the unit can be flush-mounted directly into the dash or a panel on the boat. installation. Gimbal Mount: This type of mount allows for greater adjustability in terms of angle and direction, making it easier to view the display from different positions. It's ideal for anglers who need to frequently reposition the unit for optimal viewing. and fishing conditions. The key transducer is attached to the back (transom) of the boat. It's relatively easy to install and adjust. This position is suitable for many types of boats and allows the transducer to remain in the water at high speeds to install and adjust. Trolling Motor Mount: Some anglers prefer to mount the TripleShot transducer on the trolling motor for a more forward view and to utilize the motor's maneuverability. This requires a special mounting bracket or adapter. Scupper Mount: For kayaks, especially sit-on-top models, the transducer can be mounted through a scupper hole, placing it directly in the water for accurate readings. This method is kayak-specific and may require additional mounting accessories. Jackplate Mount: On bass boats or similar vessels, mounting the transducer on a jackplate can be an option. This keeps it out of turbulent water and can provide clearer readings. To use the Lowrance Hook Reveal 7 TripleShot effectively, follow these steps: Power On and System Controls, including standby mode, brightness adjustments, and system preferences. Navigating Menus: Familiarize yourself with the menu structure, using the enter and exit buttons to navigate through various options and frequency settings. Using Sonar Features: Learn how to use the sonar, structure scan, and FishReveal technology. Customizing Display: Adjust the display according to your preferences, like changing color palettes for better visibility. Using Genesis Live: Utilize the Genesis Live: Utili how to navigate using the chart screen. Utilizing Split Screen Options: Explore split screen views for simultaneous display of different data for later analysis. The primary difference between the Lowrance Hook Reveal 7 and the Hook Reveal 7 x lies in their navigational capabilities. The Hook Reveal 7 comes with pre-loaded charts. In contrast, the Hook Reveal 7 x does not have these mapping features and focuses solely on the GPS plotter. The displays are the standard for pretty much every high-end Lowrance fish finder - and for good reason. You can use this thing in almost any conditions - rain, shine, fog, and even at night. The screen is bright, and easy to read from a variety of angles. If you've got 10 people in your boat, you might want another device or a bigger screen, but for most setups, the 7" will be more than enough for anyone to get the information they need at a glance. One of the biggest advantages of this model's display is the up to 4 panel split screens. That means you can have up to four different views at once - it's common to see the map, DownScan, SideScan, and traditional sonar chart all on-screen at once. 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The home key brings you back to the homepage - for most of you, that page will end up being a multi-panel split screen with vital information. There are arrow keys to navigate, an exit key, a select key, and keys for setting waypoints and zooming in and out. You'll figure it all out in no time flat. You may remember that, at the top of this review, we mentioned that some users were unhappy about their HOOK Reveal purchased the wrong package. Some of these users were, undoubtedly, disappointed in their choice of sonar. To understand the sonar available, we have to look at the three different transducers available with the device, and what each of them are good at. These transducers are the SplitShot, the TripleShot, and the 50/200 HDI.You can look at the technical specs toward the top of the article for more information, but the long and short is that the SplitShot is the least expensive, the TripleShot offers SideScan and StructureMap, and the 50/200 HDI offers the best range/depth. 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The home key brings you back to the homepage - for most of you, that page will end up being a multi-panel split screen with vital information. There are super simple. arrow keys to navigate, an exit key, a select key, and keys for setting waypoints and zooming in and out. You'll figure it all out in no time flat. You may remember that, at the top of this review, we mentioned that some users were unhappy about their HOOK Reveal purchase. Many of these users simply purchased the wrong package. Some of these users were, undoubtedly, disappointed in their choice of sonar. To understand the sonar available, we have to look at the three different transducers are the SplitShot, the TripleShot, and the 50/200 HDI. You can look at the technical specs toward the top of the article for more information, but the long and short is that the SplitShot is the least expensive, the TripleShot offers SideScan and StructureMap, and the 50/200 HDI offers the best ransducers offer CHIRP sonar. CHIRP sonar basically gives you better information and more accurate target separation, because instead of only sending out one frequency, it sends out a pulse of different frequencies in order to receive a wider variety of returns. This diversity of returns means the transducer can more accurately assess the size and shape of objects. The SplitShot and TripleShot both offer 200 kHz CHIRP sonar (which is actually 130-210 kHz sonar). Lowrance claims that this means this frequency "delivers double the CHIRP sonar coverage of most fish finders". That's not as useful as it might seem at first glance. When you're fishing off steep breaks, or you're fishing off steep breaks, or you're trying to cut out noise, a wide cone isn't helpful - it's actively harmful. The 50/200 HDI transducer fixes this field. problem by offering a 50 kHz option - a much narrower cone. This cone also goes much deeper, so it's useful for anglers who want to fish in water columns that extend more than 500 feet down. The 50/200 HDI does not, however, come with SideScan, which limits some of the imaging and mapping features of your device. That means anglers have a choice to make - do they want better imaging, or do they want a narrower cone for their sonar? We wish anglers didn't have to Eortunately, the choice is usually obvious. If you know you'll be fishing in depths below 500 feet, go with the 50/200 HDI. The same rule applies if you're worried about noise on your sonar for any of the reasons we mentioned. On the flip side, if you want to maximize your mapping and imaging, go with the SplitShot, and save a bitThe imaging you'll get with the HOOK Reveal depends on your transducer. Those of you who opt for the SplitShot or 50/200 HDI will have DownScan, while those of you who get the TripleShot will also get SideScan.Many anglers find imaging incredibly helpful. It makes it much easier to see both structure and fish swimming in and around structure. When coupled with your sonar chart, it can seriously improve your catch rate. It's also useful for pre-fishing lakes. The imaging on the HOOK Reveal 7 isn't spectacular - you're limited to either 455 kHz (for more range) or 800 kHz (for sharper, more accurate imaging with frequencies in the MHz, but they tend to be a lot more expensive than the HOOK Reveal. All in all, we like the imaging on this device. With the assortment of color palettes available, it's usually easy to distinguish between structure and fish. Where this unit really shines for its price is with its mapping. That is, if you buy the right model. There are HOOK Reveal 7x. These units don't come with maps, can't install or display any maps, and aren't compatible with Genesis live, a leature we'll talk about shortly. If you want to make the most out of the way, the non-/X models are fantastic. You can get your unit bundled with a variety of different maps. C-MAP Contour is one of the best, featuring 24,000 U.S. and Canadian charts with 1-foot contouring. If you want to fish a body of water, chances are that it's a part of the Contour+ map pack. You can create a number of waypoints, routes, and tracks on the HOOK Reveal, so you'll be able to record the route to your favorite fishing spots and navigate to them with ease. This is a standard feature on almost every unit at this price point - it's nice to have. All of these mapping features are fantastic - and we saved the best (in our opinion) for last. Genesis live allows you to create your own contour maps, so if there are any bodies of water with contours that haven't been charted, you can chart them. Best of all, you can share them online. There's a pretty active community using Genesis, so you can also download other people's maps - all for free. This can seriously expand the number of maps you have, and make your fishing adventures all the more exciting. Networking? On a model at this price? Well, there's no Bluetooth, and there's no Ethernet port. So here's the deal. If you want to transfer data on or off your HOOK Reveal, you're going to put on your shoes, and walk your Micro SD card to and from the device. It's called "sneakernet", and it's how we used to do it back in the old days, with floppy disks. We had to walk them uphill both ways, and...You get the idea. We wish there was networking on this thing, but given its cost, we understand why there isn't. It's supposed to be a beginner-friendly unit anyway, so Lowrance is probably making the assumption that you don't have a lot of other toys on your boat. There are a few nifty features on this unit that we want to talk about. One is only available with the TripleShot, while the other two can be used with any HOOK Reveal unit. The feature that's available on every HOOK Reveal is FishReveal. FishReveal combines 2D sonar with 3D imaging, and overlays fish arches on structure and other images in your 3D view. This makes it much easier to spot fish in structure. It makes it a lot easier to find larger fish, like bass, swimming among a school of baitfish, especially if they're near submerged grass or other structures. The second feature we want to talk about is StructureMap. This is only available with the TripleShot, but it's extremely useful for pre-fishing. You'll be able to go to specific locations on your map, all the while knowing exactly what structure you'll find around those locations. No surprises, no guesswork. Finally, the auto tuning sonar. This one is pretty straightforward - the best depth range and sensitivity for the sonar are both automatically determined by the unit. You can turn auto off if you want, but for most beginners and casual hobbyists, the auto tuning sonar is what makes this unit truly plug-and-play. This is a fantastic unit for beginners and hobbyists, the auto tuning sonar is what makes this unit truly plug-and-play. This is a fantastic unit for beginners and hobbyists who are ready to shell out a little bit of cash for their first taste at a premium fish finder. Our minor gripes with the transducer and lack of networking aside, this is a fantastic unit for beginners and hobbyists. the cost, and one we highly recommend if you're looking for incredible mapping for a low price. The display on the HOOK Reveal 7 is basically exactly the same as what Lowrance used on the HOOK<sup>2</sup> - a 7" SolarMax HD. SolarMax thing in almost any conditions - rain, shine, fog, and even at night. The screen is bright, and easy to read from a variety of angles. If you've got 10 people in your boat, you might want another device or a bigger screen, but for most setups, the 7" will be more than enough for anyone to get the information they need at a glance. One of the biggest advantages of this model's display is the up to 4 panel split screens. That means you can have up to four different views at once - it's common to see the map, DownScan, SideScan, and traditional sonar chart all on-screen at once. You can also adjust the size of these splits, so the panels you find most important are the biggest. Lowrance also introduced a number of new color palettes for this model, so you'll be able to adjust the color of your sonar charts and StructureScan to better suit your needs. All of the classic visual adjustments are available here, too - you can zoom in and out of your sonar charts and StructureScan to better suit your needs. we've had a chance to talk about the display, let's chat for a moment about the interface. The HOOK Reveal has a touchpad interface with no touchscreens can get wet, and that impedes navigation. We do, however, prefer touchscreens for ease of navigation. That's why we like combination touchpad/touchscreen navigation - something this unit doesn't offer. We understand the reasoning, however. Touchscreens are expensive, and this device is marketed toward beginners and budget-conscious anglers. Fortunately, this unit is pretty much plug-and-play. The menus can be a bit dense, but they're well laid out, and the keys are super simple. The home key brings you back to the homepage - for most of you, that page will end up being a multi-panel split screen with vital information. There are arrow keys to navigate, an exit key, a select key, and keys for setting waypoints and zooming in and out. You'll figure it all out in no time flat. You may remember that, at the top of this review, we mentioned that some users were unhappy about their HOOK Reveal purchase. Many of these users simply purchased the wrong package. Some of these users were, undoubtedly, disappointed in their choice of sonar. To understand the sonar available, we have to look at the three different transducers available with the device, and what each of them are good at. 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Now, all of these transducers offer CHIRP sonar. CHIRP sonar basically gives you better information and more accurate target separation, because instead of only sending out one frequency, it sends out a pulse of different frequencies in order to receive a wider variety of returns. This diversity of returns means the transducer can more accurately assess the size and shape of objects. The SplitShot and TripleShot both offer 200 kHz CHIRP sonar (which is actually 130-210 kHz sonar). Lowrance claims that this means this frequency "delivers double the CHIRP sonar coverage of most fish finders". That's not as useful as it might seem at first glance. When you're fishing off steep breaks, or you're trying to cut out noise, a wide cone isn't helpful - it's actively harmful. The 50/200 HDI transducer fixes this problem by offering a 50 kHz option - a much narrower cone. This cone also goes much deeper, so it's useful for anglers who want to fish in water columns that extend more than 500 feet down. The 50/200 HDI does not, however, come with SideScan, which limits some of the imaging and mapping features of your device. That means anglers have a choice to make - do they want a narrower cone for their sonar? We wish anglers didn't have to make this choice. On a high-end fish finder/GPS plotter, you don't have to.Fortunately, the choice is usually obvious. If you know you'll be fishing in depths below 500 feet, go with the 50/200 HDI. The same rule applies if you're worried about noise on your sonar for any of those things can go with the SplitShot, and save a bitThe imaging you'll get with the HOOK Reveal depends on your transducer. Those of you who get the TripleShot will also get SideScan.Many anglers find imaging incredibly helpful. It makes it much easier to see both structure and fish swimming in and around structure. When coupled with your sonar chart, it can seriously improve your catch rate. It's also useful for pre-fishing lakes. The imaging on the HOOK Reveal 7 isn't spectacular - you're limited to either 455 kHz (for more range) or 800 kHz (for sharper, more accurate images). There are other fish finders that offer imaging with frequencies in the MHz, but they tend to be a lot more expensive than the HOOK Reveal. All in all, we like the imaging on this device. With the assortment of color palettes available, it's usually easy to distinguish between structure and fish. Where this unit really shines for its price is with its mapping. That is, if you buy the right model. There are HOOK Reveal 7s that don't include charts - these units are sometimes called HOOK Reveal 7X. These units don't come with maps, can't install or display any maps, and aren't compatible with Genesis live, a feature we'll talk about shortly. If you want to make the most out of your fish finder/chartplotter, don't get a 7X model. With that disclaimer out of the way, the non-7X models are fantastic. You can get your unit bundled with a variety of different maps. C-MAP Contouring. If you want to fish a body of water, chances are that it's a part of the Contour+ map pack. You can create a number of waypoints, routes, and tracks on the HOOK Reveal, so you'll be able to record the route to your favorite fishing spots and navigate to them with ease. This is a standard feature on almost every unit at this price point - it's nice to have. All of these mapping features are fantastic - and we saved the best (in our opinion) for last. Genesis live allows you to create your own contour maps, so if there are any bodies of water with contours that haven't been charted, you can also download other people's maps - all for free. This can seriously expand the number of maps you have, and make your fishing adventures all the more exciting. Networking? On a model at this price? Well, there's no Bluetooth, and there's no Ethernet port. So here's the deal. If you want to transfer data on or off your HOOK Reveal, you're going to put on your shoes, and walk your Micro SD card to and from the device. It's called "sneakernet", and it's how we used to do it back in the old days, with floppy disks. We had to walk them uphill both ways, and ... You get the idea. We wish there was networking on this thing, but given its cost, we understand why there isn't. It's supposed to be a beginner-friendly unit anyway, so Lowrance is probably making the assumption that you don't have a lot of other toys on your boat. There are a few nifty features on this unit that we want to talk about. One is only available on every HOOK Reveal is FishReveal. FishReveal combines 2D sonar with 3D imaging, and overlays fish arches on structure and other images in your 3D view. This makes it much easier to spot fish in structure. 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This diversity of returns means the transducer can more accurately assess the size and shape of objects. The SplitShot and TripleShot both offer 200 kHz CHIRP sonar (which is actually 130-210 kHz sonar). Lowrance claims that this means this frequency "delivers double the CHIRP sonar coverage of most fish finders". That's not as useful as it might seem at first glance. When you're fishing off steep breaks, or you're fishing off steep breaks, or you're trying to cut out noise, a wide cone isn't helpful - it's actively harmful. The 50/200 HDI transducer fixes this problem by offering a 50 kHz option - a much narrower cone. This cone also goes much deeper, so it's useful for anglers who want to fish in water columns that extend more than 500 feet down. The 50/200 HDI does not, however, come with SideScan, which limits some of the imaging, or do they want a narrower cone for their sonar? We wish anglers didn't have to make this choice. On a high-end fish finder/GPS plotter, you don't have to.Fortunately, the choice is usually obvious. If you know you'll be fishing in depths below 500 feet, go with the 50/200 HDI. The same rule applies if you're worried about noise on your sonar for any of the reasons we mentioned. On the flip side, if you want to maximize your mapping and imaging, go with the TripleShot. Those of you don't care about any of those things can go with the SplitShot, and save a bitThe imaging you'll get with the HOOK Reveal depends on your transducer. Those of you who get the

TripleShot will also get SideScan.Many anglers find imaging incredibly helpful. It makes it much easier to see both structure and fish swimming in and around structure. When coupled with your sonar chart, it can seriously improve your catch rate. It's also useful for pre-fishing lakes. The imaging on the HOOK Reveal 7 isn't spectacular - you're distinguishes to the Af5 kH2 (for more range) or 800 kH2 (for sharper, more accurate images). There are other fish finders that offer imaging with frequencies in the MH2, but there also the Also the Vereal 7X. These units are sometimes called HOOK Reveal 7X. These units are sometimes called HOOK Reveal 7X. These units are sometimes called HOOK netword 7X models are fantastic. You can get your unit bundled with a variety of different maps. Car't install or display any maps. So the way, the non-7X models are fantastic. You can get your unit bundled with a variety of different maps. C-AlAP Context is a standard feature of wayopints, routes, and tacks on the HOOK Reveal, so you'll be able to record the route to your favorite fishing gaves. There's a post dava characte a number of maps you have, and make your on contour maps, so if there are any bodies are fantastic - and we saved the best (in our opinion) for last. Genesis live allows you to create your own contour maps, so if there are any bodies of water's not ki-s' now ki-s' to end so download other people's maps - all for free. This can seriously imported at the ord for your fast, of way and the mover structure and fish up to any to and make you don't show to make the way there's no Wi-Fi, there's no Bi-Fi (Fishing gave). You can chart you can chart the old days, with free assumetimes called H0OK Reveal 7X. These are applied is a standard feature as a prestive community using Genesis, you can chart the none exciting. Networking? On a model at this price? Well, there's no Bi-Fishery and the concert is a standard feature and be to record at a nore of you rate. So were's not deal. If you want to transfer data on ore'give y