

Consider The Newest Fish Finders if You Want Sophisticated Devices

There are many fish finders on the market today, available from reputable companies including Humminbird, Eagle and Lowrance, that are offering some of the most technologically advanced features imaginable. Some of these sturdy fish finders boast large, bright screens, come in a variety of strengths and can take a beating in tough conditions. In this article, we'll explain how these devices work and help you decide if a new high tech model is the right device to have aboard your boat.

These devices can be operated either manually or automatically and will measure water depth, temperature, and the speed of the boat. On some models, a flat line corresponds with a flat bottom. If the line slopes downward, the water is getting deeper. Conversely, if the line angles upward, the water is getting shallower. The icons that represent fish will be in the shape of fish or in the shape of a boomerang depending on which device you have.

Installing your transducer correctly is critical to the operation of your fish locator. Most of the permanent-mount transducers are designed for high-speed operations. For the best results, the transducer should be placed where a smooth, undisturbed flow of water will pass across the face of the transducer at all boat speeds. Make certain that the chosen location doesn't interfere with the boat's trailer.

Fish finders provide anglers with information about the depth of the water, the contour and composition of the bottom, the water temperature and the presence of fish. Like with all fish finder sonar units, when properly used they give anglers information that can help in the pursuit of fish. With all fish finders, the most important component is the transducer. To select the transducer that's best suited to your needs, you need to consider the transducer's operating frequency, cone angle and type of installation. Typically, high frequency sonar units provide the best resolution and definition of structure and targets. They excel at showing minute details of the underwater world.

The technology of fish finders is always moving forward. You can get constant satellite updates with a GPS receiver and there are electronic probes available with independent microprocessors that will feed back additional data to your monitor. The devices are also available with large screen monochrome monitors. Most of these models come with 200 kHz transducers and thermal scanners. Of course, technology comes with a price, so be prudent about how much you're willing to spend. Once you have found a device that fits your needs, it will be the best fishing buddy you've ever had.

About the Author

Need help deciding on the right fish finder? From the [Lowrance HDS-10 fishfinder/GPS chartplotter](#) to the Eagle FishEasy color compact, there are [fish finder reviews](#) to make the choice easier for you.

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