

## Transducer Installation

A Transducer is the part of the fish finder that functions like an antenna to send out sonar signals (sound waves) and receive return echoes that are displayed as pictures on the sonar screen. Lowrance transducers can be attached to the transom or inside the hull of a boat, or even to a trolling motor using a special mounting.

We recommend following the Lowrance unit installation instructions that accompany the unit:

- Do not mount the transducer less than 1 foot from the boat's lower unit and ensure that the mount location will be in the water at all times during data collection.
- Be sure that the location of the transducer will not interfere with the hauling of the boat.
- The bottom face of the transducer must be aligned parallel with the ground to send and receive clear soundings.
- The center line of the transducer should be even with the bottom of the boat hull to prevent interference.
- Failing to install the transducer correctly may interfere with the cone angle of the sonar signal, excessive cavitation, and prevent the gathering of accurate data. If the output looks bad on your depth finder, it probably looks bad to our algorithms.