

Super Scanning Sonar
S C S s e r i e s
Low Frequency

SCS-22

Valuable investments make unexpected profits.

Power is not the only quality needed to achieve good search results. Integration of all the following features will satisfy professional skippers, such as real effective power, minimized side-lobe, stabilization, and a precise display of the target.

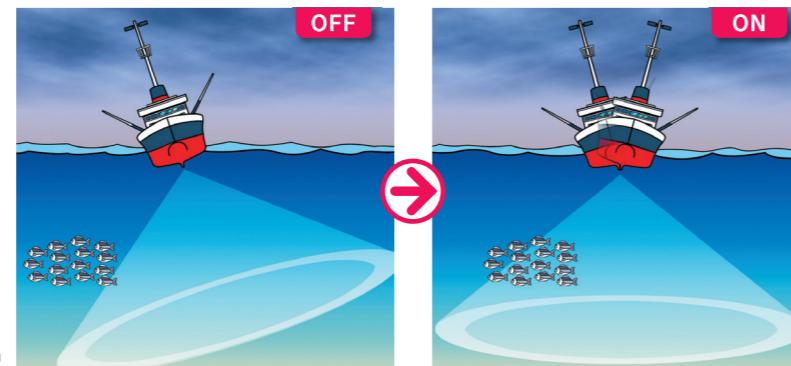
- Different display modes can be selected depending on the distance, fish type, and fishing methods
- Desired image processing methods can be selected
- Unnecessary side-lobe is minimized to the lowest possible level
- User-friendly miniaturized controller
- Advanced TX/RX stabilizing function
- Strong, stable hoist unit with guide rings
- Reliable stainless cover for protecting transducer
- Advanced sectional image

Advanced vertical-section image and stabilization function

Changing the horizontal to vertical ratio of the sectional image clearly indicates the depth of a fish school. Together with an advanced stabilization function, the device displays no movement even when the ship pitches.

The stabilization function controls the depression angle in small 7.5 degree steps through 360 degrees for both transmission and reception. The processing time between the sensing of boat pitch to the adjustment of the depression angle has been dramatically reduced. The user can view highly.

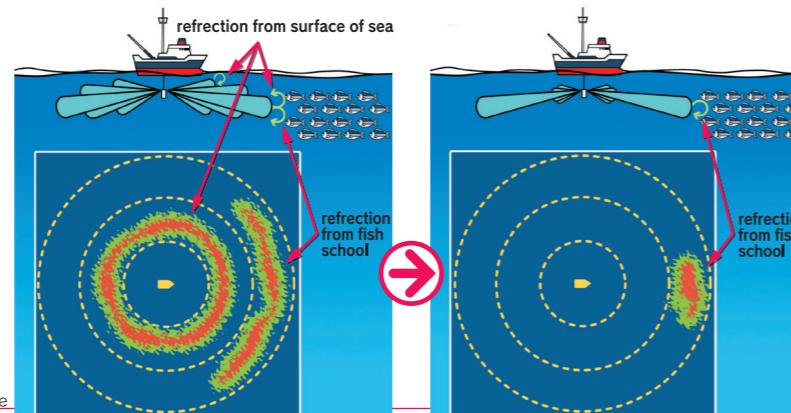
The effect of stabilization



Avoid false response from side-lobe

Have you given up with removing false responses from side-lobe on rough sea surfaces or at shallow seabed? Sonic's devices are free from false responses. We guarantee sounds with minimum side-lobe.

The effect of sidelobe



Safe and reliable transducer

All Sonic Hoists have a structure with guide rings in order to withstand the threats presented by the sea. Also, transducers are exposed to shocks in the sea. Sonic use a unique transducer covered with STAINLESS STEEL to protect it from damage.

※756elements inside of the transducer



Photo of transducer

High speed transmission cycle

High-speed image updating is essential in following fish movement. The device only takes 0.08 of a second from the last sound reception to the next transmission.

A high-speed vessel and the number of sonar transmission cycles are key points in catching up with fish.

SCS-22 sample pictures from real fishing grounds

