HD860 DUAL BEAM SONAR

High Resolution Searchlight Sonar with Stabilized Transducers Available in Multiple Soundome Sizes and Frequencies

Unbeatable Bottom Differentiation

WESMAR's HD860 provides superior fish detection close to the surface, mid-water and close to the bottom. The stabilized transducer allows you to stay on the fish and improve your catch even in rough seas.

Active Stabilization

On the HD860, the stabilization gyro is in the soundome, so when the transducer moves, the gyro senses that movement and corrections are made in the exact direction the transducer is pointing, keeping the sound beam on target. The WESMAR gyro runs 100% of the time. Other sonars have the gyro mounted on a bulkhead, making the stabilization less accurate.

Digital Link

Long cable runs are always subject to noise and decreased sonar performance. WESMAR's digital link between the sonar electronics (near the transducer) and the computer console in the wheelhouse operate noise-free for maximum sonar performance.

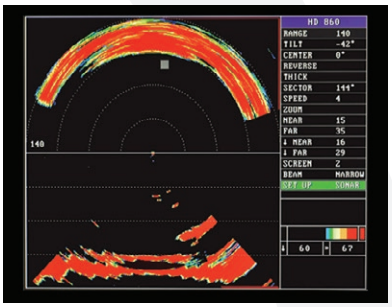
Searchlight Advantage

No Sonar has better directivity than WESMAR engineered transducers. The entire transducer surface area points in the direction of the fish in a sharp narrow beam. Dispersed fish and hard-to-mark fish are detected clutter-free.

Stabilized Downsounder Mode

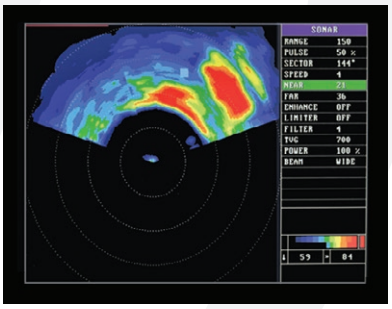
When the seas get rough, the HD860 in the down sounder mode will keep the soundbeam where it should be: straight down. Fishing in ice? Raise the transducer inside the sea chest, and the sonar keeps running. It can be locked down for a reliable stabilized picture with zoom.

HD860 Available with electric (left) or hydraulic (right) hoist, and a 6, 8 or 10-inch stabilized soundome.



HD860 bottom typing dual beam showing hard bottom reef that could tear up a net.

Sonar in Downsounder Mode.



Searchlight Mode showing soft bottom and hard reef to starboard.

SS590 SINGLE BEAM SONAR

An Easy to Use and Operate Mid-Level Single Beam, Gravity-Stabilized Searchlight Sonar

The SS590 is a mid-level six inch, 160 kHz searchlight sonar for commercial fishing. It is especially valuable for purse seining, but also highly effective for all sonar applications including, sport fishing.

Fishermen like the quick, hands-on control panel that keeps them on the fish, not the menu. No sonar transducer offers better direction control. One hundred percent of its surface area focuses a sharp narrow beam, making dispersed fish and hard-to-mark fish detection clutter-free.

Powerful detection capability and digital communications without cable loss or electrical interference enhances performance of this economically priced sonar. Bright, sharp target colors for detecting dispersed fish is a big plus.

No sonar transducers have better direction control than those engineered by WESMAR.

Over 50 Years of Marine Innovation

HD860 STABILIZED DUAL BEAM SONAR POPULAR WITH VETERAN BERING SEA CAPTAIN

"This sonar is the moon and the stars compared to what so many are using. Weak targets are detectable. The Wide beam is a game changer."

"For me the other brands of searchlight sonar were ineffective for looking out in front of the boat, but this new WESMAR HD860 is dramatically different," says Ed French, Captain of the 124-foot F/V Gladiator.

"It is the most positive change in our electronics package ever. And it is a dramatic one! With it a person is more effective, a better judge of what's near the boat,and can do a better job of putting the net on the fish."

"If there is a bulge or target on the bottom, WESMAR's beam stabilization allows you to see it. It works very well; it's a big deal. The wide beam has the best detection of the small schools on or near the bottom. Better than anything I've seen. It will show you very small schools near or on the bottom that are not detectable on narrow beam. With 300 fathoms between the center of boat and bottom the ability to expand the picture is a wonderful tool."

"It's taken a long time for the Bering Sea fishery to understand the importance of sonar. He says "today companies know the value of WESMAR sonar. The successful use of the HD860 in the whiting fishery last year on the Oregon Coast created a lot of interest," said Captain French.

"WESMAR's precise active stabilization is the result of many years of providing equipment to the commercial fishing fleets of the world and listening to what the captains want," says WESMAR President Roger Fellows.

A precision electronic gyro with a dedicated computer module is in the HD860 soundomes, so when the transducers scan the gyro scans with it. Corrections are made in the exact direction the transducer is looking, keeping the sound beam on target. The WESMAR gyro runs 100% of the time, optimizing stabilization and keeping the sonar on the fish.

6 INCH DIAMETER DOME

MODEL	FREQUENCY	BEAM	STABILIZATION	HOIST TYPE
SS590-160-6	160KHz	Single	Gravity	12 VDC ELECTRIC
SS590-160-6	160KHz	Single	Gravity	24 VDC ELECTRIC
HD860-160-6	160KHz	Single	Active	12 VDC ELECTRIC
HD860-160-6	160KHz	Single	Active	24 VDC ELECTRIC

8 INCH DIAMETER DOME

MODEL	FREQUENCY	BEAM	STABILIZATION	HOIST TYPE
HD860-60-8	60KHz	Dual	Active	12 VDC Electric
HD860-60-8	60KHz	Single	Active	24 VDC Electric
HD860-60-8	60KHz	Dual	Active	110 VAC Hydraulic
HD860-60-8	60KHz	Dual	Active	220 VAC Hydraulic
HD860-110-8	110KHz	Dual	Active	12 VDC Electric
HD860-110-8	110KHz	Dual	Active	24 VDC Electric
HD860-110-8	110KHz	Dual	Active	110 VAC Hydraulic
HD860-110-8	110KHz	Dual	Active	220 VAC Hydraulic

10 INCH DIAMETER DOME

MODEL	FREQUENCY	BEAM	STABILIZATION	HOIST TYPE
HD860-85-10	85KHz	Dual	Active	110 VAC Hydraulic
HD860-85-10	85KHz	Dual	Active	220 VAC Hydraulic

14120 NE 200th Street
Woodinville, WA 98072 USA
Main: 425.481.2296
Fax: 425.486.0909

WESMAR
Western Marine Electronics Company
www.wesmar.com