

# HULL SHIELD

# **ULTRASOUND - THE FUTURE OF ANTI-FOULING TECHNOLOGY**

### THE FUTURE OF MARINE FOULING PREVENTION

Enjoy 24/7 anti-fouling protection with Hull Shield ultrasonic anti-fouling systems. Ultrasonic anti-fouling works to keep your hull and running gear clean using just the power of ultrasound. Hull Shield is a fully automatic solution that works around-the-clock to keep your boat clean so that you don't have to.

Hull Shield systems operate similar to a stereo and speakers. The controller sends ultrasound signals to transducers attached to the hull or running gear - the transducers receive the high-frequency signals and convert them into ultrasonic pulses. These bursts of ultrasound work to ablate, loosen, and repel fouling that come in contact with the boat or running gear.



40kHz to 60kHz

Alters cellular structure of organisms.

20kHz to 40kHz

Repels and stops organism adhesion.

0Hz to 18kHz Range of Human Perception

Hull Shield systems operate above the frequency that people hear and feel. The ultrasound is audibly silent.



Effectively deters hard fouling & barnacle growth.

Significantly slows algae & biofilm accumulation on your hull.

Improves performance & fuel efficiency.

Save money with fewer haul-outs & spend less time cleaning.

Environmentally friendly & ocean safe.

Increase your boats resale value.

#### **PROTECTION FOR:**

Hulls Drives Rudders **Bow Thrusters Swim Platforms** & More...



Easy Installation Options



**Product Comparison** 





HD1



HD100





Ocean Safe &
Environment Friendly

For more information. http://hullshield.net (843)566-5893





		\$1699 800sqft (50ft LOA) 4	
MSRP	\$499		
Hull Area Protected	200sqff (20' LOA)		
Number of Emitters	1		
Power Consumption	0.25Ah	1Ah	
Max Pulse Power	2A	2A	
Solar Compatible	YES	YES	
Battery Protection YES		YES	

YES

## boat will be operating at peak performance and efficiency. ESTIMATED ANNUAL SAVINGS FOR A 50' CRUISER

SAVE MONEY (\*)
INCREASE PERFORMANCE

Maintaining a clean hull dramatically increases performance, speed, and fuel efficiency. While keeping your hull clean has amazing benefits, it will also extend the life of your bottom paint.

You will enjoy significantly less maintenance costs, haul-outs,

and extended paint life - all while having confidence that your

	1 YEAR	2 YEARS	3 YEARS	4 YEARS
Without Hull Shield	\$5,900	\$5,900	\$5,900	\$5,900
Hull Shield	\$4,238	\$0	\$0	\$0
SAVINGS	\$1,662	\$5,900	\$5,900	\$5,900

# HULL SHIELD PAYS FOR ITSELF IN JUST ( MONTHS

Calculation based on a 50' boat with an estimated annual maintenance cost of \$5,900 which includes \$2,400 in diver fees & \$3,500 bottom painting costs per year. Hull Shield costs include the cost of two HD100 systems for protection of the hull and drives











2 Year Warranty





YES