



# HullSonic.com.au

## Ultrasonic Antifouling System

Model: HULLSONIC20  
Dual Transducer System



### Package Contents

(HULLSONIC20)  
1 x Control Module  
2 x Transducers  
2 x Mounting Footprints  
1 x JB Weld  
1 x Loctite 515  
1 x Fuse Holder + Fuse  
1 x Instruction Manual

## Stops Algae Growth. Prevents Barnacles.

### The HullSonic Protection System

The HullSonic Ultrasonic Protection System utilizes the best in digital electronics and Ultrasonic transducer technology. The HullSonic produces multiple bursts of ultrasonic energy in a wide range of pre programmed and specifically calculated frequencies through the HullSonic automatic calibration program. This ultrasonic energy produces a range of alternating microscopic positive and negative pressure areas.

The positive and negative pressure areas create microscopic bubbles called cavitation as the negative pressure implodes. The implosion creates a protection barrier where there is a cleaning effect while also destroying single cell organisms such as algae. This makes it nearly impossible for barnacles to survive as their food source is removed along with many other macro and micro fouling organisms.

### System Suitability

Suitable for hulls made from GRP, Carbon Fibre, Aluminium, Steel. Not Suitable for wood and ferro-cement.  
Note: Sandwich construction hulls, the transducer will require to be mounted on the inside of the outer skin of the hull. See website for more details and considerations.

### The HullSonic Benefits

**SAVE FUEL.** With a clean hull and reduced fouling drag you can save up to 30% or more in fuel.

**IMPROVE PERFORMANCE.** With reduced fouling and a clean hull you will maintain optimum performance.

**REDUCE COSTS.** Savings are had with reduced haul outs and hard stand fees for repainting antifoulants, Anti-foul coating protection lasts for up to 3 times longer with HullSonic.

**SIMPLE INSTALLATION.** No hull penetration required. Transducers are bonded to the inside of the hull.

**ENVIRONMENTALLY FRIENDLY.** HullSonic Ultrasonic Antifouling is not detrimental to the environment in any way!

### Technical Specifications

Certifications: CE, FCC, Ctick  
Input Voltage: 12VDC (24V with Adapter)  
Power Consumption: 8 watts avg  
(250mA / 4.5 watts p/transducer)

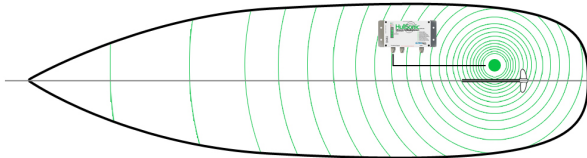
Ultrasonic Module: 1  
Module Power Cable Length: 1 x 5m Power Cable.  
Transducer: 2  
Transducer Cable Length: 1 x 10m, 1 x 5m.  
Frequency Range: 19kHz to 80kHz  
Control Module Rating: IP65  
Transducer Rating: IP68  
Weight: 3Kg  
Module Dimensions: 19.5cm x 9cm x 6cm  
Warranty: 2 Years

Advanced Engineering technology from  
**GLOBALtech**  
Australia

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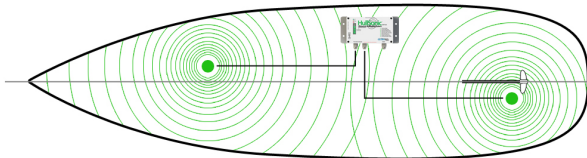
## Sailing Vessels up to 10m

In colder climates 1 transducer can be used on vessels up to 10m (HULLSONIC10)



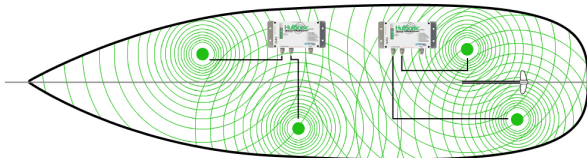
## Sailing Vessels up to 10m

1 x HULLSONIC20 Unit. 2 x Transducers



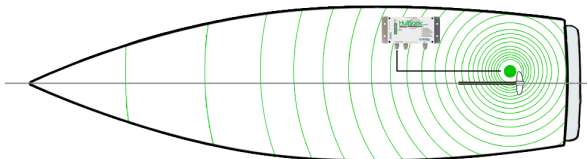
## Sailing Boats 10m+

2 x HULLSONIC20 Units. 4 x Transducers



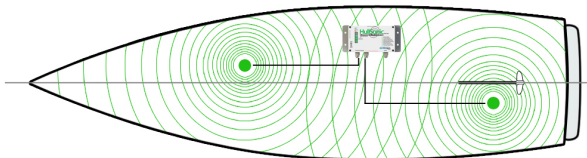
## Power Boat up to 10m

In colder climates 1 transducer can be used on vessels up to 10m (HULLSONIC10)



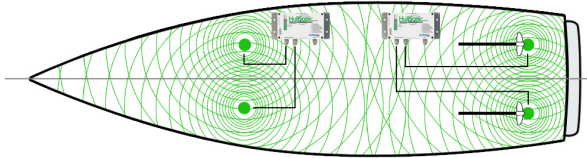
## Power Boat up to 10m

1 x HULLSONIC20 Unit. 2 Transducers



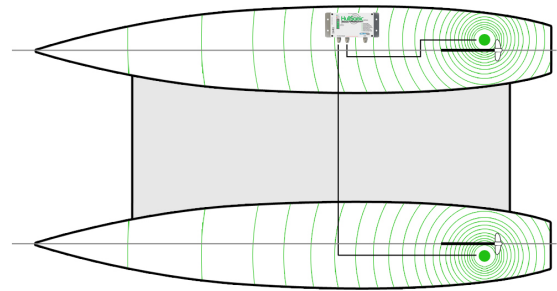
## Power Boat 10m+

2 x HULLSONIC20 Units. 4 x Transducers



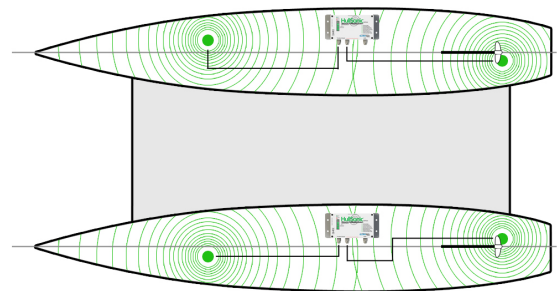
## Catamaran up to 10m

1 x HULLSONIC20 Unit



## Catamaran 10m+

2 x HULLSONIC20 Units



## Layout Considerations

Shown are guidelines for transducer positioning only, each vessel may vary.

Vessel construction, beam, LWL, Draft, etc must be considered when specifying number of transducers and transducer locations.

Hot tropical climates will require more transducers consult HullSonic.com.au or your local dealer if you need assistance.

Vessels 20m+ will require additional transducers consult HullSonic.com.au or your local dealer if you need assistance.

Vessels over 25m+ should consult with HullSonic.com.au or your local dealer to assist with vessel layout and transducer numbers.