Installation

Installation Images

Transducer with Footprint  Transducer without Footprint

CleanAHull Transducer Mounting Process
Surface is prepared with 60Grit/Grain sand paper and surfaces are cleaned with acetone. The provided epoxy is mixed thoroughly and a thick layer is spread onto Footprint base. Footprint is pressed into position; some tape can be used to hold. Allow 24 Hours, for full bond cure, before installing CleanAHull Transducer.

Carefully clean top of Footprint and tape down until JB Weld Adhesive has cured.

locitite 515 is applied to the face of the transducer.

Transducer is installed onto Footprint as tightly as possible by hand.

Suitability

Ultrasonic Antifouling Suitability
Ultrasonic Antifouling is suitable for almost all Vessel hull construction types including; Aluminium, Steel, Fiber Glass (GRP), Kevlar & Carbon Fiber. Ultrasonic Antifouling works to greatly extend the life of Existing Antifoul / Bottom Paint coatings.

There are some hull construction materials and methods of manufacture that are not suitable for Ultrasonic Antifouling. These include; Wood, Ferro Cement.

Installation into Foam / Cored GRP Vessels is possible however will require some minor hull alterations for Transducer mounting.

Transducers are In Hull mounted, no holes are required.

The Success of Ultrasonic Antifouling is dependent on the correct positioning of Ultrasonic Antifouling Transducers and supply of uninterrupted power supply to ensure consistent operation.

Contact us or your local dealer for more information on your specific situation. Our team will assist however possible with getting your hull protected.

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Your Local Dealer / Installer

Is Your Antifoul Paint Coating not lasting the distance?
CleanAHull Ultrasonic Antifouling will last the distance...

Destroys Algae Prevents Barnacles
Improves Performance
Improves Fuel Economy
Extends the life of Antifoul
Reduced Haul Outs
Improves Efficiency
Reduces Running Costs
Simple Install. No Holes!
Environmentally Friendly

www.CleanAHull.com.au
CleanAHull - How It Works?
Ultrasonic Antifouling and how it works to protect your vessel.

Ultrasonic Antifouling has been used in industry for many years and has only recently, through our extensive development over the last 4.5 years, been properly adapted for use on Marine vessels. The CleanAHull device outputs a refined automated program of short ultrasonic wave burst signals through the Ultrasonic Transducer(s) which are mounted to your hull. This transducer emits specific digital low power frequencies which are beyond the hearing range of humans. The Ultrasonic Sound waves are emitted through your hull to generate a barrier at a microscopic level of moving water molecules throughout the submerged hull area which destroys the food source, algae. Thus preventing unwanted sea growth from forming on your hull.

Advanced Technology
CleanAHull - Intelligent Technology Built-in

Our system uses an advanced digital micro controlled program, monitoring a myriad of internal sensors to ensure the best protection. 100% Automated for zero user configuration requirements.

Everything from current to temperature is monitored thousands of times a second.

Quality Australian Made
Designed and Manufactured in Australia

Years of in house development, real world testing and real results from our proven technology bring you CleanAHull. The most advanced, feature rich, robust, successful and self reliant Ultrasonic Antifouling system ever invented. Australian ingenuity at it’s best.

Diverse Testing Ground

No other Continent in the world can provide a more diverse testing environment for the success of an Ultrasonic Antifouling system. From Tropical Equatorial waters to Antarctic Currents. The CleanAHull System is proven to work in all environments.

Key Benefits
CleanAHull System

1. **Blast! Function**
   - Advanced Ultrasonic!Blast! Function, provides enhanced protection in all climates.

2. **LCD Display - Realtime Status**
   - Realtime Status displayed on the built in LCD. Displaying System status, current, battery voltage, internal output state and more.

3. **Multiple Transducer Output**
   - 2 (Double) and 4 (Quad) Transducer Output system options

4. **12V or 24V - Automatic**
   - Low Voltage input for safety, durability, reliability and simplicity. Automatic 12 or 24V input.

5. **Targeted Protection**
   - Hull, Running Gear, Prop, Rudder, IPS Drive, Stern Drive, Sea Chest, Seawater Piping, Sea Strainer, Thruster, Stabilizer & more.

6. **Temperature Compensation**
   - Dynamic temperature control for long life and enhanced protection

7. **Low Power Consumption / Battery Monitoring**
   - Built-in smarts for reduced power consumption & low battery protection

8. **Advanced Current Monitoring**
   - Output current monitoring for consistent controlled protection

9. **Smart Technology - Zero Configuration**
   - Advanced Self Monitoring program for ultimate protection

10. **Advanced Transducer Design**
     - In-house Designed transducer for improved efficiency & up to 30% more output for the same or less input than the competition

11. **Vessel Suitability**
     - Scalable for any size vessel configuration, GRP Fiber Glass, Carbon Fiber, Kevlar, Steel or Aluminium.

Product Overview

Control Module

- 201mm
- IP69 Water-Resistant / Dustproof Enclosure

CleanAHull Ultrasonic Transducer

- Marine Grade Anodised IP68 Enclosure

Mounting Footprint

- Marine Grade Anodised Mounting Footprint
  - 60mm
  - 5mm