



SONIHULL MONO

Ultrasonic Antifouling Protection

For yachts up to 32 ft. in length.

Ordering Information

NRG-SH01-1	3.6 Watts	3.00kg
DATASHEET NO.	POWER	WEIGHT

Item	Code	Description	Weight (kg.)
1	SH01	Sonihull Mono Ultrasonic Antifouling Protection	3.00kg
Single output Ultrasonic generator system with one transducer, suitable for motor and sailing yachts.			

How does it work?

Sonihull systems produce multiple bursts of ultrasonic energy in a range of targeted ultrasonic pulse frequencies.

This produces a pattern of alternating positive and negative pressure, whereby the microscopic bubbles that are created during negative pressure are imploded when positive pressure is applied.

This implosion has a cleansing effect that destroys algae, the first trophic level of the food chain, making the surface less attractive to other marine life that feed on the algae. This microscopic movement of water also prevents barnacle and mussel larvae from embedding.

Environmentally friendly

REDUCE YOUR CARBON PADDLE PRINT

With new environmental regulations set to substantially reduce the effect of traditional antifoul paints, NRG Marine sees Sonihull Ultrasonic Antifouling Systems as a credible addition to traditional antifouling methods. Looking to the years ahead, Sonihull will play a significant part in the future of marine antifouling.

The benefits

Sonihull will save you money ~~\$\$-££-€€~~

- A clean hull and drive train will reduce fuel bills by 20-30%.
- Reduced vibration and improved performance.
- Reduce maintenance costs and expensive liftouts.
- Suppress diesel bug and keep stored water fresher.

Ultrasonic Antifouling Systems for the marine industry worldwide. Having grown considerably over recent years, NRG Marine now caters for applications within a wide range of environments, including commercial, military, working and pleasure vessels.

Antifouling Solutions - Protection for;

- Hulls - GRP, Composite, Aluminium, Steel, Carbon/Kevlar.
- Raw water circulation - Sea chests, valves, filters, heat exchangers, manifolds, circulation pipework, A/C, fire pumps.
- Drive trains and Stearage - Shafts and Propellers, IPS drives, Stern drives, Water Jets, Rudders and trim tabs, Arneson drives.

**Also for Diesel bug suppression, keeping stored water fresher.*

LED	Colour	Normal status	Fault status	Comments
Power on	Red	ON	Flashing	Flashing is normally due to incorrectly seated transducers
Output 1	Green	ON	OFF	OFF when not connected or in fault
Status OK	Green	ON	OFF	Fault indication, check power and transducers

Status output 1 core connector providing +5VDC output in Normal condition, and 0V in fault condition.

Component includes

- Sonihull ultrasonic pulse generator control unit with 1 transducer output
- Ultrasonic transducer complete with 5.5 metres of cable x1
- Mains cable with 3 pin UK standard fused plug
- Marine Grade epoxy glue,
- Vaseline

Items required but not supplied with the Sonihull kit.

- 4 x screws for mounting control box.
(some people prefer to use strong velcro to secure)



SONIHULL MONO

Ultrasonic Antifouling Protection

For yachts up to 32 ft. in length.

Ordering Information

NRG-SH01-1	3.6 Watts	3.00kg
DATASHEET NO.	POWER	WEIGHT

Item	Code	Description	Weight (kg.)
1	SH01	Sonihull Mono Ultrasonic Antifouling Protection	3.00kg
Single output Ultrasonic generator system with one transducer, suitable for motor and sailing yachts.			

How does it work?

Sonihull systems produce multiple bursts of ultrasonic energy in a range of targeted ultrasonic pulse frequencies.

This produces a pattern of alternating positive and negative pressure, whereby the microscopic bubbles that are created during negative pressure are imploded when positive pressure is applied.

This implosion has a cleansing effect that destroys algae, the first trophic level of the food chain, making the surface less attractive to other marine life that feed on the algae. This microscopic movement of water also prevents barnacle and mussel larvae from embedding.

Environmentally friendly

REDUCE YOUR CARBON PADDLE PRINT

With new environmental regulations set to substantially reduce the effect of traditional antifoul paints, NRG Marine sees Sonihull Ultrasonic Antifouling Systems as a credible addition to traditional antifouling methods. Looking to the years ahead, Sonihull will play a significant part in the future of marine antifouling.

The benefits

Sonihull will save you money ~~\$\$-££-€€~~

- A clean hull and drive train will reduce fuel bills by 20-30%.
- Reduced vibration and improved performance.
- Reduce maintenance costs and expensive liftouts.
- Suppress diesel bug and keep stored water fresher.

Ultrasonic Antifouling Systems for the marine industry worldwide. Having grown considerably over recent years, NRG Marine now caters for applications within a wide range of environments, including commercial, military, working and pleasure vessels.

Antifouling Solutions - Protection for;

- Hulls - GRP, Composite, Aluminium, Steel, Carbon/Kevlar.
- Raw water circulation - Sea chests, valves, filters, heat exchangers, manifolds, circulation pipework, A/C, fire pumps.
- Drive trains and Stearage - Shafts and Propellers, IPS drives, Stern drives, Water Jets, Rudders and trim tabs, Arneson drives.

**Also for Diesel bug suppression, keeping stored water fresher.*

LED	Colour	Normal status	Fault status	Comments
Power on	Red	ON	Flashing	Flashing is normally due to incorrectly seated transducers
Output 1	Green	ON	OFF	OFF when not connected or in fault
Status OK	Green	ON	OFF	Fault indication, check power and transducers
Status output 1 core connector providing +5VDC output in Normal condition, and 0V in fault condition.				

Component includes

- Sonihull ultrasonic pulse generator control unit with 1 transducer output
- Ultrasonic transducer complete with 5.5 metres of cable x1
- Mains cable with 3 pin UK standard fused plug
- Marine Grade epoxy glue,
- Vaseline

Items required but not supplied with the Sonihull kit.

- 4 x screws for mounting control box.
(some people prefer to use strong velcro to secure)