

Comparison Table: Sonic Solutions, LLC vs. LG Sonic Algae Control Devices

	Sonic Solutions, LLC		LG Sonic		Benefits
Ultrasonic Bandwidth, KiloHertz	24 to 64	✓	28-36 and 40-48		Better algae control
Ultrasonic Range, KiloHertz	40	✓	16		Better algae control
Number of frequencies	72	✓	16		Better algae control
Power consumption, watts	9-14	✓	7-11	✓	Both have low power consumption.
Vibrating Component	Piezo	✓	Piezo	✓	Low power requirements for high dB output.
Sound Level Control	Linearized via programming.	✓	Limited Circuit Compensation		Better control of signal strength across entire bandwidth.
Safety in water	Low voltage DC, higher milliamps.	✓	Very high voltage, very low milliamps.	✓	Both operate in safe zones. Not an issue.
Solar Adaptability	24 volt DC system	✓	36 volt DC system		Lower installed cost due to standard 24 volt DC system. 36 volt requires non-standard adapters.
Programmable Circuit	Yes	✓	No		Easily adaptable for improved coverage.
UL Listed Power Unit	Yes	✓	No		Safety confidence.
NSF 61 Listed	Yes (SS-400,500,600)	✓	No		Approved for potable water applications.
Cable components	Heavy construction cable.	✓	Medium construction cable.		Higher reliability in systems with frequent level changes or wave action.
Cable extentions.	50' and 100' extensions possible.	✓	Fixed 56' max cable length.		Better alternatives for installation flexibility.
Warranty	2 years	✓	2 years	✓	Same warranty.
Weather Resistance	Waterproof	✓	Weather resistant		Waterproof enclosures mean no potential damage from water intrusion.
Circuit Integrity	Waterproofed programmable micro-circuit driver.	✓	Printed circuit board with potential water access.		Latest generation of microcircuit technology with high proven reliability.
Price	\$995-4495	✓	\$995-3995	✓	Comparably priced for coverage area.