

UltraSonic Algae Control Without Chemicals



The **LG SONIC XL** was the first of the long range ultrasonic output devices developed by **LG SOUND** and will handle ponds up to a maximum of 2.0 acres with a reach of 328 feet or 100 meters. The key to effectiveness of this device, as well as all of the **LG SONIC** line of algae control products, is the transducer or the underwater ultrasound emitter.

The transducer was designed and created for **LG SOUND** for the express purpose of creating a resonating sound wave at the optimum frequency to break down the fragile algae vacuole cell wall, thus causing the algae to die. **LG SOUND** has the exclusive rights for this type of transducer, so it will not be found on any other device of this type.



The specially designed waterproof transducer acts like an underwater speaker, generating sound frequencies that are fatal for various kinds of algae, but are harmless to humans, animals, fish and aquatic plants. It kills the algae because of its unique internal vacuole cell wall that is susceptible to break similar to a crystal glass breaking from a high pitched sound.

Applications and Technical Data:

The **LG SONIC XL** has been proven successful in many worldwide applications with control ranges of up to 875 feet (267 meters) for blue green algae and 328 feet (100 meters) for other roaming algae. Though the **LG SONIC XL** unit has now been surpassed in range by the **XXL** unit, it has remained a popular solution for smaller ponds based on its well earned reputation and moderate price. In fact, each of the different models is designed for a specific effectiveness range and is updated to the latest technology advances in circuitry and transducer design. Potential applications are: Industrial water supplies, ponds, drinking water storage impoundments, cooling towers, water purifying system, horticulture water storages, irrigation systems, recycled water containers, aquaculture raceways, and waste water.

Technical data LG SONIC XL	
Range:	328 feet (100 meters) range and blue-green algae up to 875 feet.
Power used:	7 Watts
Input	120 volt AC common household current with GFI
Cable length:	56 feet (17 meters)
Warranty	2 Years Service by Manufacturer