



Model:

LG Sonic MPC-Buoy ‘Monitors, Predicts & Controls’ Algae

Overview

Applicable for use on natural or recreational lakes, reservoirs for drinking water and large irrigation dams, these units provide state-of-the-art treatment against algae and cyanobacteria.

LG Sonic MPC-BUOY

The LG Sonic MPC (Monitor, Predict, Control)-Buoy offers top-of-the-line, state-of-the-art online water quality monitoring, telemetering and ultrasound technology. With a monitored radius of up to 500m, this enables the user to monitor larger bodies of water remotely.

This unit continually tests the water quality. This information is then streamed to the MPC-View software. This software recognises water quality changes and is predicts algae types that could exist in such environments. It then automatically changes the frequency to that required to pre-empt the algae species that would grow in such circumstances.

The MPC software receives, summarizes and publishes data available for your personal online viewing.

With real-time water quality data, existing algae blooms can be determined and future algae blooms can be predicted.

The MPC Buoy Unit comes with 3x 200WP solar panels that provide power to the three transmitters. This unit ensures a complete coverage of 360 degrees with a 500m diameter range. Ultrasonic programs can be changed, based on the algae type. The MPC Buoy Unit also comes with an automatic antifouling wiper, ensuring optimal efficiency at all times.



3-way communication between LG Sonic, sensors and web



Automatic antifouling wiper ensures optimal readings.



With 3x 195Wp solar cells and a monitor range of 500m, these units are perfect for larger bodies of water.



The MPC-BUOY model allows the user to view data in real time by using state-of-the-art technology.