



# HYDROMAGIC

## HYDROGRAPHIC SURVEY SOFTWARE FOR WINDOWS

Hydromagic is a single beam hydrographic survey software package that provides all you need to start surveying today!

This software supports survey projects for many industries, including dredging, engineering, construction, environmental, and fishing.

### Applications

Hydromagic is an affordable, easy to use, software designed for:

- Performing hydrographic surveys
- Positioning vessels or barges for dredging projects
- Volume calculations of basins, ponds or river sections
- Volume calculations between dredge operations
- Navigating on ECDIS maps, or in the fishing industry to navigate into fishing parcels

## Why choose Hydromagic?

- Affordable
- Easy to install on any desktop, laptop or netbook computer running Microsoft Windows (XP SP 3 or higher is required)
- User friendly – short learning curve means you can start conducting surveys immediately
- Compatible with a wide range of hardware, including a simple fishfinder and GPS device to a hydrographic echosounder with an RTK receiver
- Support for new hardware can be added by the use of plugins – no need to reinstall software

## Key features of Hydromagic

- Built in editing and filtering of singlebeam soundings
- Automatic tide correction using RTK
- Calculates current tide levels in realtime without the use of a tide gauge or the need to look up tide tables
- Support for NADCON, HARN and NTV2 correction grids
- Vast number of exporting options
- Use dynamic corrections like draft and sound velocity
- Built-in map downloader allows you to source street map data or satellite imagery
- Generate graphical view of channel cross sections
- A large number of map formats can be imported into your projects, which allows you to use map data from virtually any source

## Company Info

Eye4Software B.V., based in the Netherlands, specializes in developing GPS and GIS software for Windows. Eye4Software began developing hydrographic software in 2001 and started selling Hydromagic worldwide in 2011.

## Case Study

*When our engineering consulting client called us, they had an immediate requirement for hydrographic mapping software. They were investigating the cause of a reservoir that was repeatedly flooding. They needed a solution that could help them quickly and easily survey the bathymetry of the reservoir. Using Hydromagic, they were able to calculate the pre-dredging volume and continue calculating volumes between dredging operations to solve the problem. Our software was compatible with our clients dredging equipment; was easy to install and easy to use. The client was able to correct the problem quickly and efficiently with the use of Hydromagic.*

