



HydroWAV Underwater Signal Analysis Software

Real-Time Multi Domain Underwater Acoustics Measurements



HydroWAV is a high-performance real-time analysis software tool for underwater acoustic measurements using hydrophones. The software provides synchronized time-domain, frequency-domain, and time–frequency visualization to support field measurements, laboratory testing, and research applications.

Compatible with Hydrophones and Front- End Devices such as Zoom H1

Compatible with Windows Operating System

Mono and Stereo Channel Support

High Resolution Sampling, incl. 32 bit

Recording and Replaying

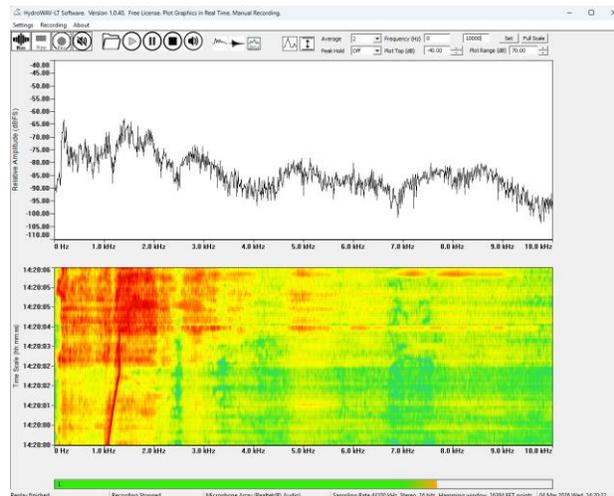
Real Time FFT Analysis

Harmonic Analysis

Immediate Identification of Dominant Noise Sources, Tonal Components and Transients

Display Measurements in dBFS or Calibrated SPL (dB re 1 μ Pa)

Clear Visualization of Time-Varying Acoustic Signatures Using Spectrogram Display (Waterfall)



Applications

Marine Mammal Monitoring

Environmental Noise Assessment

Underwater Noise Characterization

Vessel Radiated Noise Analysis

SonarTech Underwater Systems
E-mail subsea@sonartech.no
Trondheim / Norway

Cetacean Research Technologies
crtinfo@cetrestec.com
Seattle / USA