

# AURAL-M2

## Autonomous Underwater Recorder for Acoustic Listening

The AURAL can numerically record underwater sounds over a period up to a year. At the same time, it records pressure (0 to 1000 Psi) and water temperature (-10°C to 40°C).



Photo by  
Groupe d'Étude des Cétacés du Cotentin



### CHARACTERISTICS

- 16 Bits Digital Recording (1 channel)
- Programmable recording mode: continuous with pause, delay start, time spaced record
- Configurable sampling rate (256 Hz to 32 768 Hz in 8 steps)
- Usable frequency range (5 Hz to 16 384 Hz)
- Adjustable amplifier: 16, 18, 20 & 22 DB
- Programming through RS232
- FAT32 Support (hard drive)
- WAV Support (files)
- Delrin, Fiberglass/Epoxy and Stainless Steel 316
- Uses size "D" alkaline batteries or "Battery-pack"
- Performed at depths of 300 meters in sea water
- Available in 3 sizes:
  - 16 batteries
  - 64 batteries
  - 128 batteries

### FIELDS OF APPLICATION

Environmental surveys  
Mammal studies  
Surveillance and security  
Ship noise



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long deployment!

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all around the world!



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