

# $\mu$ AURAL

micro Autonomous Underwater recorder for Acoustic Listening

## Specification

### General

Case Material: Acetal Homopolymer  
Supply Voltage: Rechargeable NiMH battery pack  
Storage: Secure Digital Memory 32 GB (or more)  
Depth: 100 meters

### Analog Section

A/D: 24-bit  
Amplifier: Low Noise amplification with selectable gain  
Hydrophone: HTI-96-MIN  
System File Format: FAT32  
Autonomy: up to 300 hours of continuous recording

### Digital Section

MCU: 50 MHz AVR32  
Audio File Format: WAV  
Sampling Rate: 8000 to 96 000\* samples/secondes  
Communication: USB Mass Storage

### $\mu$ AURAL Dimension

Diameter: 3 in  
Length: 18 in  
Air weight: 6 lbs (battery pack included)  
Water weight: 2 lbs (battery pack included)

### Programation mode

Different type of schedule  
or  
Operation mode in continuously

\*96 000 samples/second available in 16-Bit  
Specifications subjects to change without notice

### Included:

- \*  $\mu$ AURAL
- \* User guide and Software
- \* Rechargeable battery pack
- \* Battery charger
- \* Communication USB cable
- \* Power supply

Magnetic switch

Can fit in a backpack

Slidable rechargeable battery-pack (NiMH)

User-Friendly

