



WHS 2000

Technology:  **Acoustic**

Product:  **Hydrophone**



Wireless hydrophone system acoustic autonomous receiver – 69 KHz

Lotek wireless hydrophone system WHS 2000 is an autonomous, submersible acoustic receiver/datalogger that detects, decodes and logs the presence of unique 8-ping pulse position modulation PPM ID tag transmissions operating at 69 KHz. So called "R-codes" represent the marine application space standard promoted by the Ocean Tracking Network OTN.

WHS 2000 is an affordable, light (1 Kg), compact (60 x 370 mm), highly sensitive instrument designed for long term deployments (6-10 month life utilizing 2 x D-cell lithium batteries) in 69 KHz acoustic tracking applications. Studies include habitat utilization, migration and movement timing/patterns. WHS 2000 is also fully compatible with Lotek Dual-mode MR-series acoustic (69/76 KHz) and multi-mode MM-series CART combined acoustic/radio technology tags.

Features:



Beacon



Duty cycling

Cost effective:

A simple, cost-effective acoustic system solution for monitoring fish movement

R-Code compatible:

Longer transmission intervals can help to save on power, increasing transmitter life.

Auto-scanning:

Can sequentially scan through up to 15 user selectable frequencies, including 69 kHz.

Product Applications

WHS 2000 data loggers can be used as gates or sentries to monitor habitat utilization, in-river fish migration and movement, large tracking arrays, coastal networks to monitor oceanic migrations.

Model	WHS 2000
Weight in air (kg)	1
Life ^[1] (months)	6-10
Size ^[2] (ØxL) (mm)	60 x 368
Buoyancy	Positive
Depth rating (m)	200
Memory	1-4 Mb - Supports storage of 50,000+ detection events

1. Operational life based on 2 lithium primary D-cells.
2. Length from transducer to eye bolt.

Warranty

WHS 2000 hydrophones are warranted to be free of defects in materials and workmanship under Normal Use subject to the depth rating, deployment and maintenance practices outlined in the corresponding Product Manual for a duration of 12 months.

For Warranty terms and conditions, please review our [Warranty Statement](#).