

icListen Kayak

Simple. Accurate. Reliable.

Simple and small enough to deploy off the side of your boat, integrate into your AUV, or create scalable arrays of any shape or size.

The icListen Kayak Hydrophones are the industry standard in digital marine acoustics. These compact, all-in-one instrument process and stream high quality data in real-time.



icListen Kayak Key Features



Scalable – combine multiple icListen Kayaks together



Low Power – enable longer deployments with zero memory



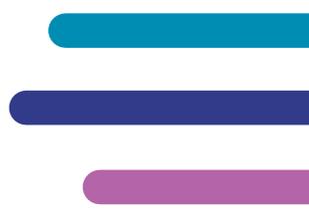
Small Size – allow for easy integration on gliders and AUVs



Smarter – drive real-time decision making, faster



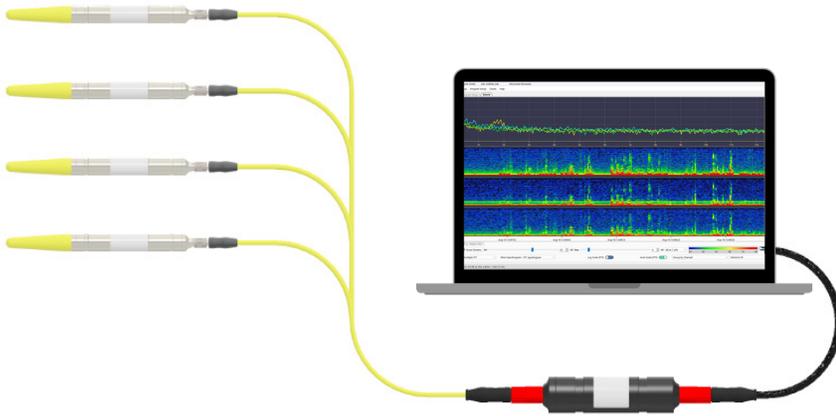
Manage multiple data streams on a single screen with Lucy II Software.



Real-time arrays, simplified

The Ocean Sonics Kayak offers scalable, large arrays that are easy to assemble and deploy.

Connect up to 100 hydrophones on a single cable.



Hydrophone ALTA Sensing Element:

Designed and manufactured in-house the ALTA element is the perfect combination of sensitivity and performance. Ultra low noise and wide dynamic range for high quality data and long term stability.

Frequency: 10 Hz to 200kHz

Sample rate: 1 to 512 kbps

Resolution: 24 Bits

Software Interface:
Lucy II Software Supported

Acquire Modes

Stream: Waveform/FFT/
Epoch

Dynamic Range: 124dB

Sensitivity: -172 dBV re μPa

Mass: 195g

Weight in Water: 135g

Length: 213mm

Diameter: 23mm

Depth Rating: 900m, 3500m