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In-Line Hydrophone Frame

Version 1.0

OCEAN SONICS
Giving Our Oceans A Voice

About Ocean Sonics

Ocean Sonics is an innovative leader in underwater listening. Established with a deep-rooted commitment to giving the oceans a voice, Ocean Sonics combines simplicity, accuracy, and reliability to develop unrivalled products. Our flagship product, the icListen, is a real-time smart digital hydrophone designed and crafted for users in the Ocean Science, Energy, Defense, Maritime Transportation, Aquaculture and Fisheries sectors.

Introduction: In-Line Hydrophone Frame

Simplifying underwater moorings and ocean observatories is effortless with the Inline Hydrophone Frame. To create a straightforward and efficient ocean sound data collection system, just attach the Inline Frame to the Ocean Sonics Inline Battery Pack Frame. For added versatility, string multiple frames together using a float to create a vertical array. With its stainless-steel cage, this frame offers both hydrophone protection and unobstructed data collection, ensuring reliable results.

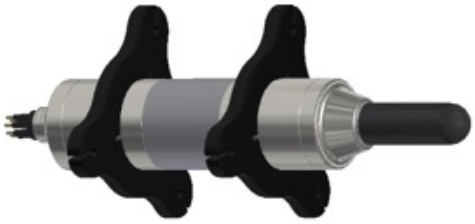
Product Specifications

1. Retainer ring material: Synthetic Rubber
2. Bridle material: 316L Stainless Steel
3. Shackle material: Zinc Plated Steel
4. SWL: 100 kg
5. Mass: 1.1 kg
6. Weight in seawater: 0.9 kg

Step-By-Step User Guide

1. Remove the two black rubber mounting pieces from the in-line frame.

2. Put the rubber mounting pieces on the hydrophone in the two grooves on the body of the icListen. Take caution to not damage or knock the sensor tip or connectors. The pieces are designed to fit into the grooves and should not move easily once they have been fully inserted.



3. Place the icListen in the in-line hydrophone frame by attaching the split holes on the frame's metal bars. The icListen should sit around the middle of the frame. The icListen should feel snug and secured in the frame.

4. The cable can be connected after the icListen is placed in the frame.