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## **ACOUSTIDOME LOW ACOUSTIC NOISE HYDROPHONE MOUNT**

The all plastic acoustic seabed mount was designed for use with the ic-Listen range of Smart Hydrophones.

When deploying hydrophones close to the seabed, self generated noise due to currents flowing past the hydrophone can be a problem. The low acoustic noise mount minimises this by flowing currents smoothly past the hydrophone transducer.

The seabed mount is manufactured entirely from marine grade plastics to eliminate corrosion problems.

The mount can carry a hydrophone and external battery pack and has space internally for additional instruments such as CTD's or water quality monitors.

The system incorporates internal ballast weights of up to 80 kgs to securely hold the mount on the seabed. The design incorporates large holes in the base to allow water to escape quickly during recovery. The dome is free flooding and so can be deployed to practically any depth. Weights are fitted internally and externally and can be added and removed easily as required.



### **SPECIFICATIONS:**

Overall diameter	1.2m
Dome diameter	1.0m nominal
Transducer height above seabed	0.56m typ
Weight in water	typ 90 kgs (depends upon weights fitted)
Materials	Polyethylene and GRP.

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