

Fiobuoy v Acoustic Release

<p>Fiobuoy</p> <p>Components needed:</p> <ul style="list-style-type: none"> • Fiobuoy, and • Instrument <p>A complete system ready to deploy.</p> <p>Light & compact.</p>	<p>v Assembling your own retrieval system with an acoustic release</p> <p>Components needed:</p> <ul style="list-style-type: none"> • Acoustic release; • Weight & tether line; • Buoyancy / floatation; • Retrieval line; • Canister, and • Instrument. <p>Necessary to source, fit and trial separate components.</p> <p>Often large, heavy & cumbersome, especially if deploying off smaller vessels.</p>
<p>Fiobuoy</p> <p>Spool design of the Fiobuoy is the most efficient way of storing and releasing rope, (the same way as supplied by rope manufacturers).</p> <p>Varied rope lengths & types available.</p> <p>Remaining tethered to the seafloor ensures you know where your equipment is - where you left it.</p> <p>Unique design of the Fiobuoy allows users to integrate equipment inside the hollow casing, making it an underwater platform.</p>	<p>v Rope canister</p> <p>Rope canisters can easily experience:</p> <ul style="list-style-type: none"> • Premature rope release; • Rope entanglement on release; • They do not support simple redeployment; • And it can be difficult to load the rope into the canister. <p>Limited in their rope capacity.</p> <p>In a traditional configuration the anchor is often left behind on the seabed. The released payload then becomes a free floating package and is easily lost in currents & tides.</p> <p>No free space to integrate equipment.</p>
<p>Fiobuoy</p> <p>Patented mechanical 'jaw' ensures release.</p> <p>Acoustic Command models are backed up by a programmed Time/Date release for increased reliability.</p> <p>Sophisticated acoustic communications utilises a Broadband Spread Spectrum technology for increased reliability.</p>	<p>v Traditional acoustic release</p> <p>Most acoustic releases have a mechanical 'arm' which can be inhibited by marine debris and seaweed.</p> <p>No back up provided.</p> <p>Simple signalling with limited unique addressing which can be affected by water salinity & temperature and marine life etc.</p>
<p>Fiobuoy Total Cost of Ownership</p> <p>Very low.</p>	<p>v Acoustic Release + Rope Canister Total Cost of Ownership</p> <p>Very high.</p>