

MARK-TRAK[®] Underwater Relocation System



- ◆ U.S. Navy Approved
- ◆ Accurate
- ◆ Small and Lightweight
- ◆ Highly Directional
- ◆ Cost Effective

Developed for professional divers, the MARK-TRAK[®] Underwater Relocation System is an easy-to-use, extremely accurate, and reliable method for marking underwater locations or objects and then finding these underwater sites. The compact design is ideal for use by military divers who need to mark multiple underwater sites within an operational range of 1000ft (330m).

Because it is positively buoyant, the MARK-TRAK[®] acoustic beacon is easy to deploy and can be attached to any object by the two mounting points on each end of the beacon. Simply activate the beacon by turning the switch collar and an acoustic pulse is transmitted through the water for up to 10 days. Marking multiple sites is done by selecting either "FAST" or "SLOW" on the switch collar.

The MARK-TRAK[®] receiver, using state-of-the-art technology, tracks and locates the acoustic beacon up to a 1000ft (330m) away. The key feature of the receiver is the Automatic Gain Control technology and a high intensity LED bar-graph that guides a diver right back to the beacon location, even in the poorest visibility. The diver simply activates the receiver using the switch collar and sweeps the underwater landscape until the elements in the bar-graph begin to glow bright red. When all of the MARK-TRAK receiver's bar-graph elements are lit, then the receiver is pointed directly at the beacon. The diver swims along keeping all of the LED elements lit until the beacon is relocated. It's just that simple! A separate "blinking LED" indicates that the diver is tracking a "FAST" or "SLOW" MARK-TRAK[®] beacon.

The MARK-TRAK[®] Underwater Relocation System is built to be both rugged and reliable and is being used by military and professional divers worldwide. Each system comes with one acoustic beacon and matching receiver. Due to its single frequency design, additional beacons can be deployed and more than one receiver can be used at the same time.

In addition, the MARK-TRAK[®] beacons and receivers can be purchased separately and custom "kits" can be created to fit each customer's unique requirement.



SPECIFICATIONS

Range	1000ft (330m)
Operating Depth	600ft (182m)
Power Source	9V Alkaline Battery
Receiver Battery Life	
Alkaline	24 hours
Beacon Battery Life	
Alkaline	5 days @ FAST or 10 days @ SLOW
Housing Material	High Impact Polycarbonate
Housing Dimensions	
Length	6.75 in. (17cm)
Diameter	2.00 in. (5cm)



High Intensity
LED Display

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