

The Datasonics UAT-376 Underwater Acoustic Transponder is the most cost effective, general purpose, underwater acoustic ranging device available. It operates in the mid-range frequency band of 20 to 35 KHz and is designed to be used with a variety of diver and ship installed acoustic interrogators such as the Datasonics DRI-267 "Diver Ranger". The UAT-376 is powered by off-the shelf batteries and can be deployed in depths up to 3300 ft. (1000 m).

The UAT-376 is compatible with the ORE Trackpoint II and LXT navigation systems. Due to its unique versatility, we can accommodate your special applications.

UAT-376/EL Longlife Acoustic Transponder Elongated housing design offers an extended operational life and allows longer deployment options.

**Operational Life**

Six 9V Alkaline: 12 months or 450,000 Replies  
 Six 9V Lithium: 24 months or 900,000 Replies  
 Housing Dimension: Length 11.75 in (30.0 cm)  
 Diameter 1.875 in (4.08 cm)

**Specifications**

Operating Range  
 Receive: 26 kHz  
 Transmit: 25, 27, 28, 29, 30, 31, 32 kHz  
 Acoustic Output Power: 180 db ref 1 Pa 1 M  
 Turn around time: 20 Msec standard  
 Pulse width: 4 Msec  
 Power source: Two 9V Alkaline or Lithium Transistor Batteries

Operational Life  
 9V Alkaline: 4 Months or 150,000 Replies  
 9V Lithium: 8 Months or 300,000 Replies  
 Operational Depth: 3300 ft (1000M)  
 Housing Material: Aluminium  
 Housing Dimensions: Length 7.25 in (18.56 cm)  
 Diameter 2.00 in (5.12 cm)  
 Weight in air: 1.25 lbs (0.57 kg)  
 Weight in water: 0.5 lbs (0.22 kg)



**Applications**

**\* Relocations Transponder**

The UAT-376 can be used with the DRI-267 "Dive Ranger" Transponder Interrogator for marking and relocating of underwater sites where stealth is a concern.

**\* Navigation Transponder**

Compatible with the ORE Trackpoint II and LTX navigation systems.

