

# ULB-350 SERIES BEACON INSTRUCTION SHEET

350-10001 Rev. B

## Description

The RJE International ULB-350 Series Underwater Location Beacon is an underwater acoustic signaling device that works with acoustic pinger receivers for the marking and relocation of underwater sites and equipment. The ULB-350 comes in standard frequencies of 27, 37, and 45kHz. It can also be ordered in additional factory set frequencies between 9 and 45kHz.

Activation of the ULB-350 is by immersion in water. It will continually send out an acoustic signal once every second until the battery is depleted or the beacon is removed from the water. A factory set time delay option is available or the beacon can be programmed using a separate programmer (Model #: ULB350/PRG).

The ULB-350 series beacon is battery operated and uses a 9-Volt Alkaline or Lithium battery that can power the beacon for up to 40 days continually (Lithium battery). The beacon can be deployed to a depth of 4,000ft (1,216M).



The ULB-350 series beacon can be mounted using the mounting hole at the center of the end cap or strapped to the item to be marked. Always try to mount the ULB-350 vertically in the water column, with the end cap pointed down and the electronics module facing up. Insure that the electronics module is free of obstruction so that it has a clear path to send the acoustic signal through the water.

## Replacing the ULB-350 9v battery

The 9v battery in the ULB-350 beacon should be replaced after each use to insure maximum operational life. To change the ULB-350 battery use the following procedure:

- Loosen and remove the end cap assembly from the electronics module by turning the end cap counter clockwise.
- **Gently remove the 9v battery connector pad from the top of the 9v battery terminals by holding the battery with the thumb of one hand and lifting up the connector pad with the other hand. To prevent damage to the internal electronics assembly, hold the beacon as shown in the first two photos below.**
- Slide the old battery out of the ULB-350 battery holder (P/N: 350-79207).
- To install the new 9v battery simply slide it (terminals up) into the ULB-350 battery holder.
- \*Note the battery terminal orientation before connecting the ULB-350 connector pad to the new installed battery. Insure the battery terminals are fully seated into the battery connector pad.
- Before installing the end cap assembly, make sure the O-rings and O-ring surfaces are clean and free of debris.
- DO NOT over tighten the end cap.



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