

# KTR-18 Ocean Buoy User Manual



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## Overview

### Getting Started – What's in the box

1. Buoy shell with floatation ring
2. Electronic head unit
3. Four (4) cover bolts and a wrench
4. Battery canister, with 32 D cell batteries (included)
5. Two piece antenna
  - a. Antenna base with specific buoy frequency loading coil
  - b. Antenna tip

### Set Up Instructions

1. Connect the internal battery- loosen the 4 cover bolts on the electronic head unit, with the supplied wrench, remove the electronic head unit and connect the power cord from the top of the battery canister to the bottom of the electronic head unit. (note: check to ensure that the battery canister has 32 D cell batteries)
2. Reassemble the battery canister and the electronic head unit to the buoy shell and tighten the 4 cover bolts.
3. Confirm that the frequency on the electronic head unit is the same as the frequency on the antenna base.
4. Connect the antenna base to the top of the electronic head unit.
5. Connect the antenna tip to the top of the antenna base.

## Switches and Buttons

There is only one switch with 3 positions, Off-test-On, located on the top of the control head:

1. **Off Position:** The unit is powered off.
2. **Test Position:** The unit transmits immediately.
3. **On Position:** The unit transmits every 3 minutes for a period of 15 seconds.

## Operation

1. Turn the switch on the buoy to the “Test” position, tune your receiver to the buoy frequency and confirm that the buoy is transmitting.
2. Turn the switch on the buoy to the “On” position and deploy the buoy.
3. Tune the receiver to the buoy frequency to get a compass heading to the buoy.
4. After retrieval of the buoy, turn the switch to the “Off” position to stop the buoy from transmitting.

## FCC WARNING STATEMENTS:

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION.

NOTE: THE **GRANTEE** IS NOT RESPONSIBLE FOR ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.