

## TESTING THE ALERT418 TRANSMITTER

1. The transmitter is in a continuous armed state.
2. Remove ALERT418 Transmitter from spray-tight pouch. Wet fingers and touch both metal probes on the clear (cap) portion of the transmitter. **Don't test the unit in its spray-tight pouch if possible as a wet pouch may continue to set the transmitter into transmit mode.**
3. A green LED will blink. Followed by a red LED blinking. Within a second, the row of six white LED lights will begin to flash. If only red LED flashes, replace batteries. If white LEDs fail to flash, call 800-426-4201.
4. To stop transmission, press 'RESET' button.
5. If testing additional ALERT418 Transmitters, power off the ALERT Receiver and repeat procedures 1 through 5.



## ALERT418™ MAN-OVERBOARD ALARM SYSTEM USER'S GUIDE

The ALERT418™ Man-Overboard Alarm System consists of an ALERT Receiver and one or more ALERT Transmitters. In addition, an optional ALERT2 Man-Overboard Portable Direction Finder™ can be utilized to home in on an ALERT transmission signal from up to 1 nautical mile.

### **ALERT418 Transmitter is shipped armed.**

ALERT418 Transmitter FCC ID LYFAT100 and Industry Canada CAN2726102449. Device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) device may not cause harmful interference and (2) device must accept any interference received, including interference that may cause undesired operation. See owner's manual for operating restrictions. Use at your own risk.

## ADDITIONAL INFORMATION ABOUT ALERT MAN-OVERBOARD ALARM PRODUCTS

### **TRANSMITTER PLACEMENT:**

Product is shipped in a spray-tight pouch. Also included in the package is a clip that can be used to attach the transmitter (sans spray-tight pouch) into a self-inflating Personal Flotation Device (PFD).

For wearing transmitter with the spray-tight pouch, place the unit high on the chest, as radio waves do not travel underwater;

1. Use wire ties through slots at top and bottom of the pouch, secured to work vest, high on chest.
2. Or in a chest or arm pocket, located high on the chest, or around the neck, on a lanyard.
3. A lanyard is attached to the bottom of the ALERT418 Transmitter in the pouch, to improve transmitting signal. If possible, man overboard should raise the device above their head. The best transmission is when the transmitter is inline with the antenna of the ALERT Receiver.

For wearing transmitter in a self-inflating PFD;

1. Remove the transmitter from the spray-tight pouch and cut the lanyard attach to the pouch but keep the lanyard attached to the transmitter.
2. Attach included clip to the sides of the Transmitter. The clip will rest in the indents on the Transmitter.
3. Place the round circle part of the clip over and through the "blow-tube" in the self-inflating PFD.
4. Attach the other end of the lanyard to the blow tube of the self-inflating PFD.
5. In the event of a fall overboard, the self-inflating PDF should inflate and the unit will get wet and initiate a transmission. If possible, use the lanyard attached to transmitter and blow tube to raise the device above head to improve on transmission to vessel.

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## **BATTERY REPLACEMENT:**

1. Replace batteries after emergency use, or if red LED continues to flash upon testing.
2. Uses two (2) CR123A lithium batteries. **Do Not use non-lithium or rechargeable batteries.**
3. Remove cap by unscrewing two metal screws holding cap to body of transmitter using appropriate size allen wrench.
4. Install new batteries (follow polarity arrows on inside label – positive up on both batteries).
5. Use dielectric grease to lubricate between the bottom and top cap. The dielectric grease will also prevent water seepage into the cap area.
6. Using allen wrench attach cap to bottom.
7. Test the unit by submerging in water and making sure water does not seep into cap area. The metal probes should be dried and Reset button pressed to re-arm unit. If unit stops transmission the cap is sealed from water seepage. If unit continues to transmit, seepage may have occurred. You can dry out cap and reseal with more dielectric grease or return to Emerald Marine Products for servicing.

## **DIGITAL CODE:**

All ALERT418 Transmitters and Receivers use an 8-bit digital code. The code is factory set with one code for each customer to prevent interference between customers. If you choose to change the code, please contact Emerald Marine Products as this is only possible by Emerald Marine Products.

## **ALERT PRODUCTS PARTS AND WARRANTY**

The ALERT418 and ALERT2 Products come with a 3-year product warranty on parts and labor.

It is highly advised to test the ALERT products monthly. To sign-up for testing reminder emails, visit the website: <http://eepurl.com/ZdlvL> or call 206-965-8207.

For additional information about the ALERT Man-Overboard Alarm System, including information on the ALERT2 Portable Direction Finder and OSCAR: Man Overboard Training Dummy™, contact us at the address and website listed below.

### **Emerald Marine Products**

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Manufacturer of the ALERT Man-Overboard Alarm System