



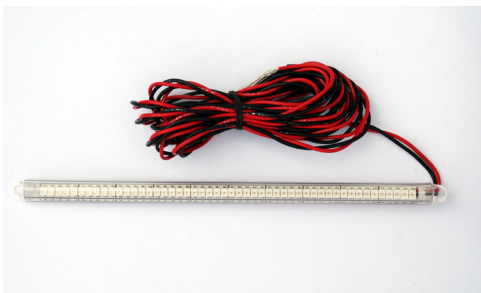
17683 Summerlin Rd., Ft. Myers, FL 33908
SAFETYALERTSYSTEM.COM

Safety Alert System Installation Instructions

READ THESE INSTRUCTIONS COMPLETELY BEFORE STARTING



1. Locate a suitable position for mounting the module. It should be mounted above the waterline on a flat vertical surface anywhere from the middle of the vessel to the rear. Do not mount in the front. Thoroughly clean any dirt and oil from the surface. Using double sided marine grade tape affix the module to the surface. **IMPORTANT** – the module is to be mounted vertically (like a picture on a wall). Use the built in level to level the module with the ground or waterline of the vessel, making sure the arrow points toward the front of the vessel. **Optional** – If you have sufficient depth in the mounting surface, we recommend that you secure the module using the two stainless screws provided.



2. Remove the LED array from the package. Carefully remove the end caps from the array tube. Slide the array out of the tube; place it and the end caps aside for later. Be very careful since the array is in sections and will break into pieces if it is flexed to far.

If using one of our puck or rigid arrays, determine the best method to mount them on your vessel and skip to section 9 after mounting



3. Determine a suitable location for mounting the array tube. The best location is up as high as possible so it remains visible to others. The LED array is slightly flexible as shown. It may NOT be flexed in any other direction. If your mounting location is curved, gently heat the tube with a hair dryer to make it less rigid and pre-fit before affixing. This will ensure a tight fit and maintain appearance. Clean the location with the alcohol pad from the kit. Remove the protective backing from the array tube and affix to the location, making sure it's centered. To prevent the ends from curling, drive a #2 stainless steel screw through the tube at each end. (Included in kit.) If the tape does not adhere well to the intended surface, remove it from the back of the tube and use the silicone adhesive to glue it in place. This method works extremely well on a porous surface.



4. Drill a hole at one end of the tube. Make sure it is large enough to accommodate the wire, but small enough to be covered up by the end cap.



5. Carefully slide the array into the tube and pull the wires through the hole at the same time.



6. Using the tube of silicone provided, carefully apply silicone to each end of the tube, making sure the tube ends are completely sealed. Also seal the wire hole by applying a small amount to the hole and around the wires. If applied properly, the end cap will cover the silicone you applied to the wire hole.



7. Look carefully at each end cap. One has a closed end and the other end cap is open which allows for the wire to pass through. Apply plenty of silicone to each end cap. Insert the opened end cap on the wire end of the array and the closed end cap on the other end of the array. Then apply a small bead around the entire array. Let dry overnight before getting wet.



8. Check for one inch of depth behind your intended location **BEFORE** drilling! Drill a 3/16" hole in the dash where the dash mount LED will be visible. The LED is ribbed and designed to push in for a tight fit. The dash LED is not only a monitor, but it will also blink rapidly if the rear array is not functioning. It will also flash in tandem with the rear array when distress mode is enabled. Solder the salmon and blue wires from the module to the red (to salmon) and black (to blue) wires from the dash LED.



9. After mounting the array run the wires back to the module. Put a small piece of heat shrink over the wires from the module. Then carefully solder the corresponding red/black wires from the module and array. Slide the heat shrink over the solder joint and heat until sealed. The module is capable of running two arrays, if desired. Use the second pair of red/black wires for an additional array following the above instructions. If installing one array, put a small piece of heat shrink partially over the unused ends from the module and array. Then heat to seal all four unused wire ends.



10. DISTRESS MODE EMERGENCY FLASHER SWITCH

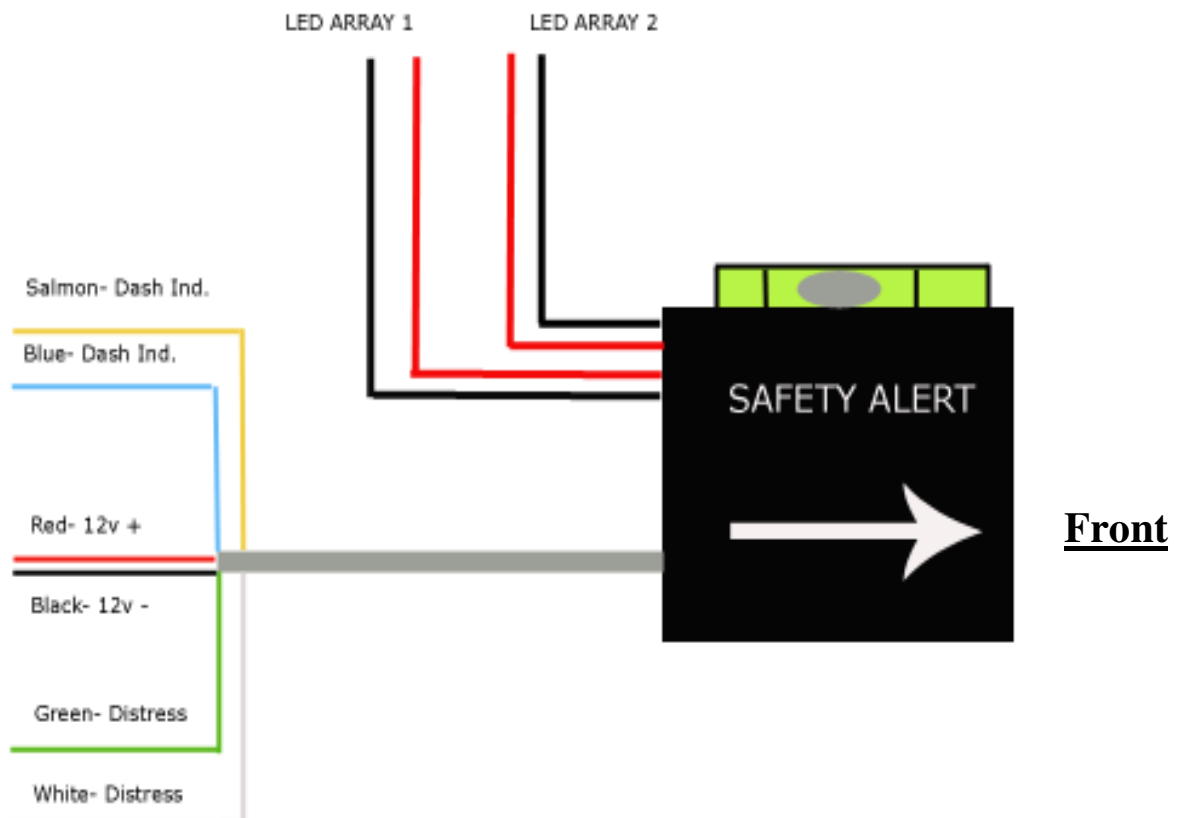
Before drilling check for clearance of one inch below the surface and then drill a 1/2" hole at a suitable location on the dash and mount the switch. Solder the WHITE & GREEN wires from the module to this switch. It doesn't matter which wire is soldered to each switch terminal. Pressing this switch will cause the array(s) to flash indicating you need assistance.

11. Next connect the red/black 12V wires from the module to your battery. You can test the system by pushing the Distress Mode switch. The rear array(s) and dash mounted LED will blink.

12. Using the included zip ties, neatly strap wires together to protect them and to keep them out of the way of other mechanical parts.

NOTE: Connect the red wire to the positive terminal and the black wire to the negative terminal on your battery. Connecting them any other way will short out the module. This is not covered by the warranty.

Wiring Diagram



WARRANTY

Your new system is covered by a THREE-YEAR manufacturer's replacement warranty from the date of purchase. This warranty is not transferrable and applies to the original purchaser. Any component found to be defective, will be replaced at no charge with proof of purchase. This warranty does NOT cover damage due to improper installation, misuse, product modifications, neglect, an accident, unauthorized repair or misrepresentation by seller. This warranty does not cover the costs relating to the removal and replacement of the defective component(s). This warranty does not cover sales tax, shipping and handling charges associated with obtaining the replacement component.

The warranty offered on the PWC Industries, Inc. products is NOT VALID if the products have been purchased from an unauthorized dealer.

RETURN AND REPLACEMENT PROCEDURE

Return defective component(s) to the original place of purchase. The defective part must be in its original container and must be accompanied by your proof of purchase (a copy of your sales receipt). Return only the defective component. The consumer is responsible for all costs to return and replace the defective component including but not limited to sales tax, shipping, handling and insurance charges. Damage during shipping is not covered under this warrantee.

Should you need to return anything you purchased directly from us, please call us to get a Return Authorization Number. Then send us the defective part along with a sheet of paper containing your contact information including email address, description of problem and reason for return, and proof of purchase to:

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17683 Summerlin Rd
Ft. Myers, FL 33908

239.481.0274
866.504.6890
239.482.2641 (fax)

CustomerService@watercraftinnovations.com

A replacement will be shipped to you as soon as we verify the problem described. If you included your email address, a UPS tracking No. will be emailed to you as well.