

BG-JBox

Junction Box

USER MANUAL



PRODUCT DESCRIPTION

The BG-JBox is an electrical junction box used as a common connection point for Blue Guard switches & sensors, BG-CP, bilge pump, and power source (battery). On-board LEDs above the terminals indicate operation status of the alarm, pump and Auto or Manual power lines. The BG-JBox is designed for direct 14 gauge marine grade wiring and is wall mounted with a translucent front cover for viewing the LED status. The BG-JBox features a splash proof enclosure.

INSTALLATION

The BG-JBox is designed for mounting on a bulkhead. Four #8x0.75" 316 stainless steel screws are provided for mounting. Two cable glands are provided for cable entry into the bottom of the enclosure.

The *Blue Guard Installation Guide* shows the wiring for all supported configurations. All wiring connections are made using 14 gauge marine grade wire.

INSTALL STEPS:

- 1) Remove the BG-JBox cover using a Philips-Head screwdriver and locate the four #8x0.75" 316 stainless steel screws and the two cable glands inside the BG-JBox.
- 2) Install the cable glands to the two BG-JBox openings and tighten lock nuts on the inside of the enclosure.
- 3) Select wall mounting position and mark hole locations. The BG-JBox should be positioned with cable entry points facing DOWN.
- 4) Drill four 0.125" diameter (1/8") pilot holes.
- 5) Mount the BG-JBox using the four #8x0.75" 316 stainless steel screws.
- 6) Run wiring from all peripheral equipment to the BG-JBox (14 gauge marine grade recommended). Wiring can be directly connected to the terminal blocks.
- 7) After system test, tighten cable glands on wires to prevent water intrusion.
- 8) Reattach cover and tighten screws until snug - do not overtighten.

MAINTENANCE

Periodically check to make sure all connections are secure.

WARRANTY INFORMATION

Blue Guard Innovations, LLC 4909 Nautilus Ct N, Suite 121 Boulder, Colorado 80301 warrants to the original consumer purchaser that this product will be free from defects in material and workmanship, providing that the unit is not opened or otherwise abused for a period of three (3) years from the date originally purchased unless otherwise noted or sold by the manufacturer. The exclusive remedy of the consumer purchaser in the event the product is defective is to return the product to Blue Guard Innovations, LLC at the above address, freight prepaid with original sales receipt. IMPORTANT: FOR THIS WARRANTY TO BE EFFECTIVE, the product MUST BE SUPPLIED WITH PROOF OF ORIGINAL PURCHASE DATE OF THE PRODUCT. THE ACCEPTANCE BY BLUE GUARD INNOVATIONS, LLC OF ANY PRODUCT RETURNED SHALL NOT BE DEEMED AN ADMISSION THAT SUCH PRODUCT IS DEFECTIVE OR IN VIOLATION OF ANY WARRANTY. THE COMPANY RESERVES THE RIGHT TO REPAIR OR REPLACE THE PRODUCT. NO REPRESENTATIVE OR OTHER PERSON IS AUTHORIZED TO ASSUME FOR BLUE GUARD INNOVATIONS, LLC ANY ADDITIONAL LIABILITY IN CONNECTION WITH THE SALE OF ITS PRODUCTS OR TO ALTER THIS WARRANTY IN ANY WAY. IN NO EVENT WILL BLUE GUARD INNOVATIONS, LLC BE LIABLE FOR MORE THAN THE SALES PRICE OF THE PRODUCT. UNDER NO CIRCUMSTANCES WILL BLUE GUARD INNOVATIONS, LLC BE LIABLE FOR ANY LOST PROFITS, INCIDENTAL OR CONSEQUENTIAL COSTS, EXPENSES, OR DAMAGES. THE LIMITATION ON LIABILITY FOR LOST PROFITS, INCIDENTAL OR CONSEQUENTIAL COST EXPENSES OR DAMAGES SHALL SURVIVE ANY FAILURE OF ESSENTIAL PURPOSE OF THIS LIMITED WARRANTY. All wiring on the vessel shall be performed by a QUALIFIED MARINE ELECTRICIAN and in accordance with the "Fire Protection Standard for Motor Craft", NFPA No. 302. The Standards of the American Boat and Yacht Council, Inc., and the USCG Safety Standards for Boat Electrical Systems (33 CFR 183). Some states do not allow the exclusive or limitation of incidental or consequential damages, so the above limitation may not apply to you. NO EXPRESS OR LIMITED WARRANTY, INCLUDING WARRANTY OF MERCHANTABILITY AND FITNESS SHALL EXTEND FOR ANY PERIOD OF TIME GREATER THAN THREE (3) YEARS FROM THE DATE OF ORIGINAL PURCHASE OF THIS PRODUCT. Some states do not allow limitation on how long an implied warranty lasts, so the above limitation may not apply to you. CAUTION - Warranty void if seal on product is broken or product is tampered with in any way, if any electric cord is cut back more than 4 inches, if electric splices become submerged, or if product is installed contrary to instructions or warnings. Blue Guard Innovations, LLC 4909 Nautilus Ct N, Suite 121 Boulder, Colorado 80301.