

# OWNER'S MANUAL

Badu® Eco Touch / Controller



## READ THIS MANUAL CAREFULLY BEFORE USING THE CONTROLLER

**NOTE:** All wiring should be done by a qualified electrician in accordance with the National Electrical Code and all Local Codes.

**NOTE:** Before installation, inspect all equipment, plumbing and wiring for damage that may have occurred during shipment. The shipping container has been specifically designed to prevent damage, however, any indications of damage should be carefully noted on the delivery ticket and a claim should to be filed with the carrier.

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## SECTION 1 IMPORTANT SAFETY INSTRUCTIONS

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When installing and using this electrical equipment, basic safety precautions should always be followed, including the following:

### 1. READ AND FOLLOW ALL INSTRUCTIONS.

**2. DANGER** - To reduce the risk of injury, do not permit children to use this product unless they are closely supervised at all times.

**3.** All electrical work must be performed by a licensed electrician and must conform to all national, state, and local codes.

**4.** Install product at least five (5) feet from the inside wall of the pool and tub. Canadian installations must be at least three (3) meters from the water.

**NOTE:** To installer and/or operator of the Speck Controller; the manufacturer's warranty will be voided if the controller is improperly installed and/or operated.

### 5. SAVE THESE INSTRUCTIONS!

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## SECTION 2 INSTALLATION INSTRUCTIONS

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### LOCATION

**1.** Maximum distance between the controller and pump is five hundred (500) feet.

**2.** Protect the controller against flooding and excess moisture.

### INSTALLATION

**1.** BE SURE THAT POWER IS TURNED OFF BEFORE WIRING.

**2.** Remove controller from the shipping box. Remove four (4) Phillips head screws from rear of the controller.

**3.** If your pump has a serial number 362449 or below, the wiring is as follows: white - low, blue - medium, red - high, black - common.

If your pump has a serial number 362450 or higher, the wiring is as follows: red - low, blue - medium, white - high, black - common.

**4.** It will be necessary to remove 1.5" insulation from the end of the remote wiring cord. Clean residue from the wiring and trim off the soldered ends. Only expose enough of the wire to fit into the terminal strip.

**5.** Slide the remote cord through the opening of the controller. Slide over the remote control cord making sure it is configured the same as when you removed it.

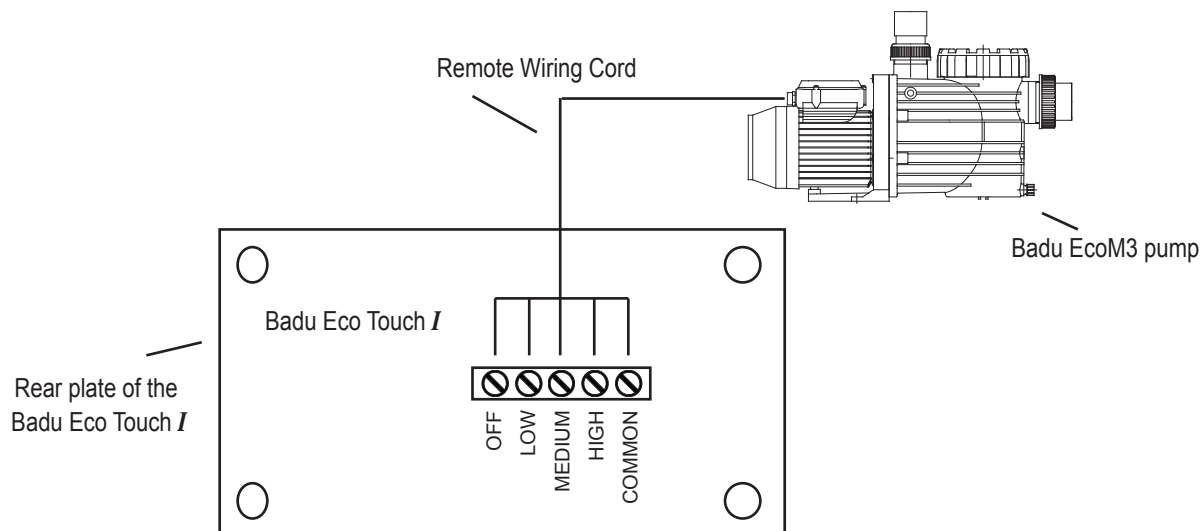
**6.** Using a small screwdriver (eyeglass), tighten the appropriate wire in each terminal referring to number 3.

**7.** Replace the rear plate on the controller, (it only fits on properly in one direction) tighten the four (4) Phillips head screws.

**8.** The controller can now be mounted using the mounting holes located on each side.

**9.** The front of the controller has a clear sheet of Mylar for protection. This can now be removed.

## SECTION 3 INSTALLATION DIAGRAM



## SECTION 4 SERVICING INFORMATION

When calling the manufacturer regarding a question or problem with your controller, please have the serial number available. The serial number is located on the

Speck label on the rear of the controller. Replacement parts may be available from your installer. Call, fax, or write:

**Speck Pumps - Pool Products, Inc. • 8125 Bayberry Road • Jacksonville, FL 32256**

**Phone (904) 739-2626 • Fax (904) 737-5261 • email: [info.usa@speck-pumps.com](mailto:info.usa@speck-pumps.com)**

## SAVE THESE INSTRUCTIONS! LIMITED WARRANTY

The manufacturer supplies a limited warranty to the original consumer purchaser of the controller on the following terms and conditions:

1. The controllers are warranted to be free from defects in material and workmanship for a period of twelve (12) months from the date that the controller is originally installed.
2. Notwithstanding any provision herein to the contrary, the warranties and obligations hereunder shall not in any event extend for more than two (2) years beyond the date of shipment of the controller from the factory in Jacksonville, Florida.
3. Warranty is void in the following cases: damages which result in whole or in part from: (a) careless or improper installation of the controller; (b) Improper or negligent use and maintenance of the controller; (c) tampering with the controller by unauthorized repair personnel.
4. The manufacturer's sole obligation hereunder shall be to replace or repair any defective controller. The manufacturer reserves the absolute right to determine whether any defective controller should be replaced or repaired.
5. Any customer who wishes to make a claim under this Limited Warranty shall notify the manufacturer of such claim by telephone or by mail. After the customer has been authorized to return a defective controller, the customer must return the controller to the manufacturer at 8125 Bayberry Road, Jacksonville, Florida 32256. Any goods returned to the manufacturer without prior authorization will be returned to the shipper unopened. The manufacturer shall not bear any costs or risk incurred in shipping a defective controller to the manufacturer or in shipping a repaired or replace controller to a customer.
6. The manufacturer will charge customers for all non warranty work which it may perform. Warranty work will not be preformed until the customer has accepted the price for non warranty work quoted.
7. EXCEPT AS SPECIFICALLY SET FORTH ABOVE, NO OTHER WARRANTIES, WHETHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE MADE BY THE MANUFACTURER. IN NO EVENT WILL THE MANUFACTURER BE LIABLE FOR ANY LOSS, INCLUDING TIME, MONEY, GOODWILL, LOST PROFITS, AND CONSEQUENTIAL DAMAGES BASED ON CONTRACT, TORT, OR OTHER LEGAL THEORY, WHICH MAY ARISE HEREUNDER OR FROM THE USE, OPERATION, OR MODIFICATION OF THE CONTROLLER, THE MAXIMUM LIABILITY OF THE MANUFACTURER HEREUNDER SHALL NOT EXCEED THE AMOUNT ACTUALLY PAID BY THE CUSTOMER FOR THE CONTROLLER.
8. Some states do not permit limitations on the terms of implied warranties or on the recovery of incidental or consequential damages. Accordingly, the limitations contained in paragraph 7 may not apply to certain customers.
9. This warranty gives customers specific legal rights. Customers may have other rights which vary from state to state.

Date of Installation \_\_\_\_\_ Installed By \_\_\_\_\_ For Service Call \_\_\_\_\_