

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

- Maximum distance between the controller and pump is five hundred (500) feet.
- Protect the controller against flooding and excess moisture.

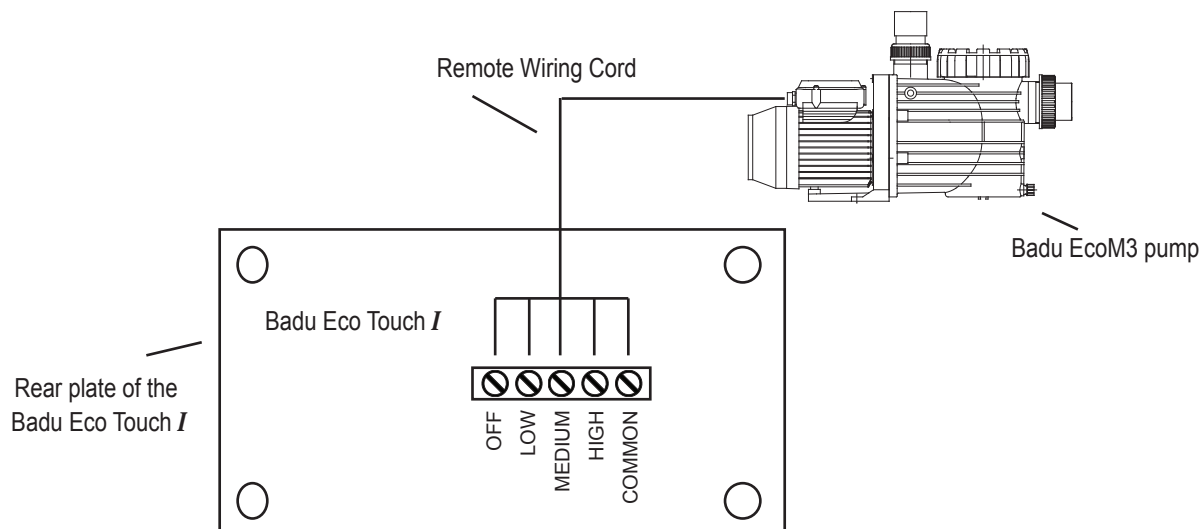
### INSTALLATION

- BE SURE THAT POWER IS TURNED OFF BEFORE WIRING.
- Remove controller from the shipping box. Remove four (4) Phillips head screws from rear of the controller.
- 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.
- 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.
- 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.
- Using a small screwdriver (eyeglass), tighten the appropriate wire in each terminal referring to number 3.
- Replace the rear plate on the controller, (it only fits on properly in one direction) tighten the four (4) Phillips head screws.
- The controller can now be mounted using the mounting holes located on each side.
- The front of the controller has a clear sheet of Mylar for protection. This can now be removed.

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## SECTION 3 INSTALLATION DIAGRAM

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## SECTION 4 SERVICING INFORMATION

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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)

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## SECTION 5 LIMITED WARRANTY

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### SAVE THESE INSTRUCTIONS! LIMITED WARRANTY

Speck Pumps-Pool Products, Inc. grants solely to the original consumer purchaser ("Buyer") of the controller the following personal, non-transferable and limited warranty on the following terms and conditions (the "Limited Warranty"): the controller is warranted to be free of material defects in materials or workmanship under normal use for a period of one (1) year beginning on the date of the Buyer's purchase of the controller. Notwithstanding any provisions 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 (the "Limited Warranty Period"). The Limited Warranty is subject to each of the following additional terms and conditions:

**1. IN THE EVENT OF ANY BREACH OF THE LIMITED WARRANTY, SPECK PUMPS-POOL PRODUCTS, INC.'S ENTIRE OBLIGATION AND LIABILITY TO BUYER, AND BUYER'S SOLE AND EXCLUSIVE REMEDY SHALL BE AS FOLLOWS:** Speck Pumps-Pool Products, Inc. will, at its option, either repair or replace the controller or refund to Buyer the purchase price actually paid by Buyer for the controller subject to the Limited Warranty. Speck Pumps-Pool Products, Inc. shall have no obligations under the Limited Warranty unless Buyer delivers timely written notice to Speck Pumps-Pool Products, Inc. of the Limited Warranty claim within the Limited Warranty Period and returns the controller to Speck Pumps-Pool Products, Inc. if requested. To the fullest extent permitted by law, Speck Pumps-Pool Products, Inc. expressly disclaims any liability for, and the Limited Warranty does not include or cover, any labor, costs or other expenses in connection with the removal, transportation, shipment, insurance, replacement, repair, or installation of repaired or replaced parts or for any other costs or expenses or damages to property or things including, but not limited to, those arising in connection with the use of, or inability to use, the controller.

2. To the fullest extent permitted by law, the Limited Warranty will be void and of no force or effect and Speck Pumps-Pool Products, Inc. will have no liability, responsibilities or obligations to Buyer or with respect to the controller in the event of the occurrence of any one or more of the following:

- (A) Any damage to the controller caused by Buyer, any third party, ground movement, other natural forces, acts of God or any other sources or causes not arising from a breach of the Limited Warranty, excluding ordinary wear and tear;
- (B) Any replacement, modification, alteration or repair of any parts or components of the controller by anyone other than Speck Pumps-Pool Products, Inc.;

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# SECTION 5 LIMITED WARRANTY

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- (C) Any abuse, misuse, accident, tampering with, improper installation or modification of the controller or any other actions, inactions or failures to act that violate the terms and conditions of this Limited Warranty;
- (D) Buyer's failure or inability to present an invoice, bill, receipt or other documentation clearly evidencing that the controller was installed and maintained in strict compliance with this Limited Warranty and that the claim was timely submitted within the Limited Warranty Period; and/or
- (E) Buyer's failure to comply with the conditions and contingencies set forth in paragraph 3 below.

3. The Limited Warranty is expressly conditioned and contingent upon Buyer's strict compliance with each of the following:

- (A) Installation of the controller by an experienced and qualified pool industry professional and a licensed electrician who is licensed within the jurisdiction in which the controller is installed and will be used; and
- (B) Buyer's operation and maintenance of the controller in strict accordance with Speck Pumps - Pool Products, Inc.'s printed operator/maintenance manuals delivered with the controller.

4. **DISCLAIMER: THE LIMITED WARRANTY IS THE ONLY WARRANTY MADE AND IS IN LIEU OF ALL OTHER WARRANTIES, AND ANY AND ALL IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, THE IMPLIED WARRANTY AGAINST INFRINGEMENT, AND THE IMPLIED WARRANTY OR CONDITION OF FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY LIMITED IN THEIR SCOPE AND DURATION TO THE ONE YEAR TERM OF THE LIMITED WARRANTY SET FORTH HEREIN. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO THE BUYER.**

5. TO THE FULLEST EXTENT PERMITTED BY LAW, IN NO EVENT SHALL SPECK PUMPS - POOL PRODUCTS, INC. OR ITS OFFICERS, DIRECTORS, EMPLOYEES, SHAREHOLDERS, AGENTS, OR REPRESENTATIVES BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL, EXEMPLARY OR CONSEQUENTIAL DAMAGES OR LOSS, INCLUDING TIME, MONEY, GOODWILL, AND LOST PROFITS IN ANY WAY WHICH MAY ARISE HEREUNDER OR FROM THE USE OF OR INABILITY TO USE THE CONTROLLER OR THE PERFORMANCE OR NONPERFORMANCE OF ANY OBLIGATION UNDER THIS LIMITED WARRANTY. THIS PARAGRAPH, THE WARRANTY DISCLAIMERS IN PARAGRAPH 4 ABOVE, AND THE SOLE AND EXCLUSIVE REMEDY SET FORTH IN PARAGRAPH 1 ABOVE SHALL APPLY EVEN IF SPECK PUMPS - POOL PRODUCTS, INC. HAS BEEN NOTIFIED OF THE POSSIBILITY OR LIKELIHOOD OF SUCH DAMAGES OCCURRING, WHETHER SUCH LIABILITY IS BASED ON CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, PRODUCTS LIABILITY OR OTHERWISE, AND EVEN IF ANY REMEDY STATED HEREIN FAILS OF ITS ESSENTIAL PURPOSE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF SPECIAL, INDIRECT, INCIDENTAL, EXEMPLARY OR CONSEQUENTIAL DAMAGES OR LOSS, SO THE ABOVE EXCLUSIONS AND LIMITATIONS MAY NOT APPLY.

6. This Limited Warranty gives the Buyer specific legal rights, and the Buyer may also have other rights, which vary from state to state.

7. A return merchandise authorization ("RMA") must be obtained from Speck Pumps - Pool Products, Inc. before returning any product. Products returned without an RMA will be refused and returned, unopened, to the Buyer. All returned products are to be sent freight prepaid and insured for Buyer's protection to the manufacturer at 8125 Bayberry Road, Jacksonville, Florida 32256. Under no condition will products be accepted after the expiration of the Limited Warranty Period. Speck Pumps - Pool Products, Inc. shall not bear any costs or risks incurred by Buyer in shipping a defective controller to Speck Pumps - Pool Products, Inc. or in shipping a repaired or replaced controller to Buyer.

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