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› **Pro Boat Sonicwake V2 36" Self-Righting Brushless RC Boat Deep-V RTR Batteries and Charger Not Included White PRB08032V2T2 User Manual**

## Pro Boat PRB08032V2T2

# Pro Boat Sonicwake V2 36" Self-Righting Brushless RC Boat Instruction Manual

Model: PRB08032V2T2 | Brand: Pro Boat

## INTRODUCTION

This manual provides essential information for the safe and effective operation, setup, and maintenance of your Pro Boat Sonicwake V2 36" Self-Righting Brushless RC Boat. Please read this entire manual carefully before operating your boat to ensure proper function and to prevent damage or injury.

## Safety Information

Read the ENTIRE instruction manual to become familiar with the features of the product before operating. Failure to operate the product correctly can result in damage to the product, personal property and cause serious injury. This is a sophisticated hobby product. It must be operated with caution and common sense and requires some basic mechanical ability. Failure to operate this product in a safe and responsible manner could result in injury or damage to the product or other property. This product is not intended for use by children. Do not use with incompatible components or alter this product in any way outside of the instructions provided by Horizon Hobby, LLC. This manual contains instructions for safety, operation and maintenance. It is essential to read and follow all the instructions and warnings in the manual, prior to assembly, setup or use, in order to operate correctly and avoid damage or serious injury.



The Pro Boat Sonicwake V2 36" Self-Righting Brushless RC Boat, featuring a sleek white and blue design, ready for operation.

## WHAT'S IN THE Box

The following items are included with your Pro Boat Sonicwake V2:

- Sonicwake V2 36" Self-Righting Brushless Deep-V RTR, White

## NEEDED TO COMPLETE

To operate your Sonicwake V2, you will need the following items, which are not included:

- AA Batteries (x4) for the transmitter
- Batteries (x2) for the boat (e.g., 2S-3S LiPo batteries, compatible with the ESC)
- Compatible Charger for the boat batteries



Visual representation of additional items required for boat operation: AA batteries for the remote, two boat batteries, and a charger.

## SETUP

Before your first run, proper setup is crucial for performance and longevity.

### 1. Drive Shaft Lubrication

It is critical to lubricate the drive shaft before the first use and after every subsequent use. Failure to do so can lead to excessive wear, vibration, and potential damage to the driveline components. Use marine-grade grease

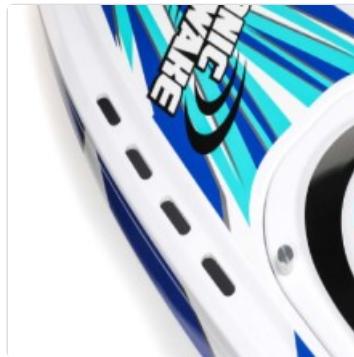
specifically designed for RC boat drive shafts.



An internal view of the boat's components, including the water-cooled brushless motor and electronic speed controller (ESC).

## 2. Battery Installation

Install the required AA batteries into the Spektrum SLT3 2CH 2.4GHz DSMR Radio System transmitter. Then, carefully install the two charged boat batteries into the designated battery trays inside the hull. Ensure they are securely fastened to prevent shifting during operation.



The Spektrum SLT3 2CH 2.4GHz DSMR Radio System transmitter, used to control the boat.



An internal view of the boat's hull, highlighting the battery trays and the arrangement of internal components.

## 3. Radio System Binding

Ensure your Spektrum SLT3 transmitter is properly bound to the Spektrum SR315 Dual Protocol Receiver in the boat. Refer to the separate radio system manual for detailed binding instructions if needed.

## OPERATING YOUR SONICWAKE V2

The Sonicwake V2 is designed for high-speed performance and features a self-righting hull.

## Self-Righting Feature

In the event the boat flips over during operation, the self-righting hull design allows it to automatically return to an upright position. This feature is particularly useful when operating far from shore or in challenging water conditions.



The Pro Boat Sonicwake V2 in action, demonstrating its speed and ability to create a significant rooster tail.

## Battery Low Voltage Indication

The Spektrum 120A Marine ESC is programmed to provide a low voltage cutoff. When the battery voltage reaches a critical level, the ESC will give 3-4 quick pulses at very low RPM to indicate that the battery is nearly depleted and it's time to return the boat to shore.

## Monitoring Temperatures

It is highly recommended to monitor the temperature of the ESC, motor, and batteries, especially during extended high-speed runs. Excessive heat can damage components. If temperatures are too high, allow the components to cool before continuing operation.



An operator preparing to launch or retrieve the Pro Boat Sonicwake V2, holding both the boat and the remote control.

## MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Sonicwake V2.

### Drive Shaft Lubrication

As mentioned in setup, re-lubricate the drive shaft after each use. This is crucial for preventing wear and maintaining smooth operation. Remove the shaft, apply marine grease, and reassemble.



A detailed rear view of the boat, highlighting the propeller, rudder, and trim tabs, which are key components for propulsion and steering.

## Hull Sealing and Water Management

While the receiver is housed in a sealed box, small amounts of water may enter the hull during aggressive operation or if the boat flips. This is normal. After each use, open the hatch, inspect for water, and dry the interior thoroughly. Consider using marine-grade hatch tape for an extra seal, especially if operating in rough conditions.

## General Cleaning

After each use, clean the exterior of the boat to remove any debris, dirt, or salt residue (if operated in saltwater). Use a soft cloth and fresh water. Ensure all moving parts are free of obstructions.

## TROUBLESHOOTING

This section addresses common issues you might encounter with your Sonicwake V2.

### Driveline Vibration or Squeaking

**Issue:** A vibrating or squeaking sound from the driveline, especially at higher speeds.

**Solution:** This is often caused by insufficient lubrication of the drive shaft. Ensure the drive shaft is thoroughly greased before and after each use. If the issue persists, inspect the shaft and propeller for any damage or misalignment.

### ESC/Motor Overheating

**Issue:** The Electronic Speed Controller (ESC) or motor becomes excessively hot during operation.

**Solution:** Monitor temperatures regularly. Avoid prolonged full-throttle runs, especially in warm conditions. Ensure the water cooling system is functioning correctly and that the water intake and outlet are clear of debris. If using 6S batteries, ensure your ESC is rated to handle the increased power and heat; some users report needing upgraded ESCs for consistent 6S operation.

## Unresponsive Turning (to Port)

**Issue:** The boat turns less effectively to one side (often port) compared to the other.

**Solution:** This can sometimes be attributed to the rudder size or design. While not an official modification, some users have found that installing a slightly longer rudder can improve turning responsiveness.

## Water Inside Hull

**Issue:** Small amounts of water are found inside the hull after operation.

**Solution:** This is generally normal for RC boats, especially high-speed models. The receiver is housed in a sealed box for protection. Ensure the main hatch is properly secured. For added protection, consider using marine-grade hatch tape around the hatch seal. Always dry the interior thoroughly after each use.

## SPECIFICATIONS

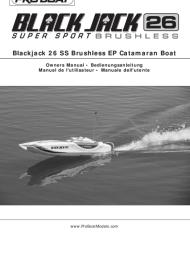
Feature	Detail
Product Dimensions	44.3 x 13.5 x 9.5 inches
Item Weight	13.49 pounds
ASIN	B09WNFQ9JB
Item Model Number	PRB08032V2T2
Manufacturer Recommended Age	14 months and up
Manufacturer	Pro Boat
Country of Origin	China
Date First Available	March 28, 2022

## SUPPORT AND WARRANTY

For technical support, warranty claims, or additional information regarding your Pro Boat Sonicwake V2, please contact Horizon Hobby, LLC, the manufacturer. Always refer to the official user manual PDF for the most detailed and up-to-date instructions.

You can access the official User Manual (PDF)[here](#).

## Related Documents - PRB08032V2T2

	<p><a href="#">Pro Boat Blackjack 24" V2 Brushless Catamaran: Owner's Manual &amp; Operation Guide</a></p> <p>Detailed owner's manual for the Pro Boat Blackjack 24" V2 Brushless Catamaran RTR (PRB08049). Covers setup, operation, safety, maintenance, troubleshooting, and warranty information for this high-performance RC boat.</p>
	<p><a href="#">ProBoat Blackjack 24" V2 Brushless Catamaran RTR - Owner's Manual</a></p> <p>Comprehensive owner's manual for the ProBoat Blackjack 24" V2 Brushless Catamaran RTR. Includes setup, operation, maintenance, troubleshooting, and warranty information.</p>
	<p><a href="#">Pro Boat Classic Runabout EP RTR Instruction Manual</a></p> <p>Instruction manual for the Pro Boat Classic Runabout EP RTR, detailing setup, operation, maintenance, and warranty information.</p>
	<p><a href="#">Pro Boat Jetstream Jet Boat RTR Owners Manual</a></p> <p>Comprehensive owners manual for the Pro Boat Jetstream Jet Boat RTR (Ready-to-Run) model PRB08051, covering setup, operation, maintenance, troubleshooting, and safety guidelines for optimal performance and longevity in fresh water conditions.</p>
	<p><a href="#">Pro Boat Blackjack 26 SS Brushless EP Catamaran Boat Owners Manual</a></p> <p>This owner's manual provides essential information for operating the Pro Boat Blackjack 26 SS Brushless EP Catamaran Boat, including setup, safety guidelines, maintenance, and troubleshooting. Learn how to get the most out of your high-performance RC boat.</p>
	<p><a href="#">Pro Boat Blackjack 42-Inch Brushless 8S Catamaran Owners Manual</a></p> <p>Comprehensive owners manual for the Pro Boat Blackjack 42-Inch Brushless 8S Catamaran, covering setup, operation, maintenance, troubleshooting, and warranty information.</p>



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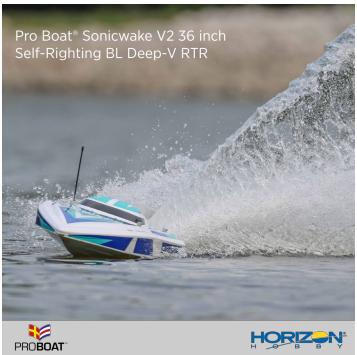
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Pro Boat® Sonicwake V2 36 inch  
Self-Righting BL Deep-V RTR

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