

## Pro Boat PRB08051T1

# Pro Boat 1/6 Jetstream Brushless 24 Shreddy RTR Boat Instruction Manual

Model: PRB08051T1

## 1. SAFETY INFORMATION

**WARNING:** 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 without direct adult supervision. Do not use with incompatible components or alter this product in any way outside of the instructions provided by Horizon Hobby, LLC. The product 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.

**Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

## 2. PRODUCT OVERVIEW

The Pro Boat 1/6 Jetstream RTR is an advanced remote-controlled jet boat designed for performance in various water conditions. It features a high-performance, water-cooled brushless system and a durable composite impeller with an intake grate. The powerful jet pump includes an adjustable nozzle trim for precise control.

Key features include:

- High-performance jet propulsion system with an all-new reverse gate for enhanced maneuverability.
- Authentic Jetstream styling, complete with forward and rear-facing LED lights for visibility.
- Officially licensed Shreddy and MoJo liveries for a distinctive appearance.
- High-quality Spektrum SLT3 radio and electronics for reliable control.
- All-new SSL (Strap/Slide/Lock) quick battery swap system for convenient battery changes.
- Full-length stern ride plate with adjustable trim tabs for stability and performance tuning.
- Aluminum wear ring for extreme durability of the jet pump.
- Roll cage, full cockpit, steering wheel, deck material, and simulated speakers for scale realism.

- Scale poseable driver figure inspired by Blake Wilkey.
- Sturdy, rigid ABS main hull with an armor-plated underside for robust construction.
- Rust-resistant stainless steel hardware ensures longevity in aquatic environments.



Image: The Pro Boat 1/6 Jetstream Brushless 24 Shreddy RTR Boat, showcasing its design and features.

### 3. WHAT'S IN THE BOX

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Upon unboxing your Pro Boat 1/6 Jetstream, you will find the following components:

- 1/6 Jetstream Boat Brushless 24 Shreddy: RTR (Ready-To-Run)

The RTR package means the boat comes pre-assembled with the motor, ESC, servo, and radio system installed.

### 4. NEEDED TO COMPLETE

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To operate your Pro Boat 1/6 Jetstream, you will need to acquire the following items separately:

# Needed to Complete



Battery



Charger

Image: A visual representation indicating that a battery and charger are required for operation.

- **Battery:** A suitable LiPo battery pack (e.g., 3S or 4S LiPo, depending on desired performance and compatibility). Refer to the boat's specifications for recommended battery types and connectors.
- **Charger:** A compatible LiPo battery charger. Ensure the charger matches the battery type and cell count.

## 5. SETUP

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### 5.1 Battery Installation

1. Ensure the boat's power switch is in the OFF position.
2. Locate the battery compartment. The Jetstream features an SSL (Strap/Slide/Lock) quick battery swap system.
3. Open the battery compartment cover.
4. Carefully insert the charged battery pack into the compartment, ensuring it is securely seated.
5. Connect the battery to the Electronic Speed Controller (ESC) using the appropriate connector.
6. Close and secure the battery compartment cover.

### 5.2 Radio System Binding

Your Pro Boat Jetstream comes with a Spektrum SLT3 radio system. Typically, RTR models are pre-bound. If re-binding is necessary, follow these general steps:

1. Ensure both the transmitter and receiver are powered off.
2. Consult the Spektrum SLT3 transmitter manual for specific binding instructions.
3. Usually, you will hold a bind button on the receiver while powering it on, then power on the transmitter in bind mode.
4. Once bound, the receiver's LED will indicate a solid connection.
5. Always perform a range check before operating the boat on water.

### 5.3 Pre-Operation Checks

- Verify all connections are secure.
- Check rudder and throttle response with the transmitter.
- Ensure the propeller/impeller area is clear of obstructions.
- Inspect the hull for any damage or leaks.
- Confirm the battery is fully charged.

## 6. OPERATING INSTRUCTIONS

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### 6.1 Launching the Boat

- Choose a suitable body of water free from debris, swimmers, and wildlife.
- Gently place the boat into the water.
- Turn on the transmitter, then turn on the boat's power switch.
- Wait for the system to initialize and establish a connection.

### 6.2 Controlling the Jetstream

The Jetstream utilizes a jet pump propulsion system for steering and propulsion.

- **Throttle:** Use the throttle stick on your transmitter to control forward speed.
- **Steering:** Use the steering wheel/stick to direct the boat. The jet pump's adjustable nozzle trim allows for fine-tuning of handling characteristics.
- **Reverse Gate:** The integrated reverse gate allows for backing up or quick braking. Engage reverse by moving the throttle stick to the reverse position. This feature is particularly useful for maneuvering in tight spaces or recovering from obstacles.
- **Trim Tabs:** Adjust the full-length stern ride plate with adjustable trim tabs to optimize the boat's attitude on the water for different speeds and water conditions.





Image: The Jetstream boat in high-speed operation, demonstrating its agility on the water.



Image: The Jetstream boat airborne over a wave, highlighting its capability for dynamic water conditions.





Image: The Jetstream boat cutting through rough water, demonstrating its handling and durability.





Image: A detailed view of the Jetstream's cockpit and driver, emphasizing the scale realism during use.

## 6.3 Post-Operation

- Always turn off the boat's power switch first, then the transmitter.
- Remove the battery from the boat to prevent over-discharge and potential damage.
- Allow the motor and ESC to cool down before handling.

## 7. MAINTENANCE

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### 7.1 Cleaning

- After each use, thoroughly rinse the boat with fresh water to remove salt, dirt, or debris.
- Pay special attention to the jet pump, impeller, and water-cooling system inlets/outlets.
- Wipe down the hull and internal components with a soft cloth.
- Ensure all water is drained from the hull before storage.

### 7.2 Inspection and Lubrication



- Regularly inspect the impeller for any damage or foreign objects.
- Check all moving parts, including the steering linkage and trim tabs, for smooth operation.
- Inspect the water-cooling lines for kinks or blockages.
- Periodically check the tightness of all screws and fasteners, especially those securing the motor and jet pump.
- Lubricate any specified moving parts according to the manufacturer's recommendations (refer to the full product manual if available).

### 7.3 Storage

- Store the boat in a cool, dry place away from direct sunlight and extreme temperatures.
- Remove batteries from the boat and store them according to their specific instructions (e.g., LiPo storage charge).
- Ensure the boat is completely dry before storing to prevent mold or corrosion.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Boat does not respond to throttle/steering.	<ul style="list-style-type: none"> <li>• Transmitter/receiver not bound.</li> <li>• Low battery in transmitter or boat.</li> <li>• Power switch off.</li> <li>• Loose connections.</li> </ul>	<ul style="list-style-type: none"> <li>• Re-bind transmitter and receiver.</li> <li>• Charge/replace batteries.</li> <li>• Turn on power switches.</li> <li>• Check all wiring connections.</li> </ul>
Reduced speed or power.	<ul style="list-style-type: none"> <li>• Low boat battery.</li> <li>• Impeller obstructed.</li> <li>• Motor/ESC overheating.</li> </ul>	<ul style="list-style-type: none"> <li>• Charge boat battery.</li> <li>• Clear impeller of debris.</li> <li>• Allow components to cool; check water cooling system.</li> </ul>
Boat takes on water.	<ul style="list-style-type: none"> <li>• Loose hatch cover.</li> <li>• Hull damage.</li> <li>• Water seal compromised.</li> </ul>	<ul style="list-style-type: none"> <li>• Ensure hatch is securely latched.</li> <li>• Inspect hull for cracks; repair as needed.</li> <li>• Check and replace seals if damaged.</li> </ul>

## 9. SPECIFICATIONS

Feature	Detail
Product Dimensions	32 x 17 x 15 inches
Item Weight	19 pounds
Model Number	PRB08051T1
Manufacturer Recommended Age	14 months and up
Release Date	September 24, 2022
Manufacturer	Pro Boat

## 10. WARRANTY INFORMATION

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For detailed warranty information regarding your Pro Boat 1/6 Jetstream Brushless 24 Shreddy RTR Boat, please refer to the official documentation included with your product or visit the manufacturer's official website. Warranty terms and conditions typically cover manufacturing defects and vary by region.

## 11. SUPPORT

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Should you require further assistance, technical support, or replacement parts, please contact Pro Boat customer service or visit their official online store.

**Pro Boat Official Store:** [Visit the Pro Boat Store on Amazon](#)