

Pro Boat PRB08053T2

Pro Boat Recoil 2 18" Brushless Heatwave RTR RC Boat Instruction Manual

Brand: Pro Boat

Model: PRB08053T2

1. IMPORTANT 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.

2. WHAT'S IN THE BOX

- Pro Boat Recoil 2 18" Brushless Heatwave RTR RC Boat
- Spektrum Smart LiPo battery
- Spektrum Smart charger
- 2.4GHz Transmitter
- Display Stand
- Instruction Manual



Image: The Pro Boat Recoil 2 18" Brushless Heatwave RTR RC Boat, featuring a white hull with black and colorful graphics, resting on its black display stand.



Image: The included 2.4GHz transmitter, Spektrum Smart LiPo battery, and Spektrum Smart charger, essential components for operating the RC boat.

3. SETUP GUIDE

1. **Charge the Battery:** Connect the provided Spektrum Smart LiPo battery to the Spektrum Smart charger. Follow the charger's instructions for safe and complete charging. Ensure the battery is fully charged before first use.
2. **Install Transmitter Batteries:** Open the battery compartment on the 2.4GHz transmitter and insert the required AA batteries (not included). Close the compartment securely.
3. **Install Boat Battery:** Carefully remove the boat's top hatch. Connect the fully charged Spektrum Smart LiPo battery to the Electronic Speed Controller (ESC) power terminal inside the boat. Secure the battery using the internal fastening mechanism (e.g., Velcro strap) to prevent movement during operation.
4. **Secure Hatches:** Ensure both the inner and outer hatches of the boat are securely closed and latched to maintain

waterproofing.

5. **Power On Transmitter:** Turn on the 2.4GHz transmitter. The LED indicator should flash, indicating it's searching for the boat.
6. **Place Boat in Water:** The boat is water-activated. Once placed in water, it will automatically power on and attempt to pair with the transmitter. A successful pairing is usually indicated by a solid LED on the transmitter and a confirmation sound.

4. OPERATING INSTRUCTIONS

The Pro Boat Recoil 2 is designed for high-speed performance and agile handling. Familiarize yourself with the controls before operating in open water.

- **Throttle Control:** Use the trigger on the transmitter to control the boat's speed. Pulling the trigger back increases forward speed, pushing it forward applies reverse.
- **Steering Control:** Use the steering wheel on the transmitter to turn the boat left or right.
- **Self-Righting Feature:** The Recoil 2 features proven self-righting capabilities. If the boat flips over, simply apply throttle or use a specific button on the transmitter (refer to transmitter manual for exact function) to automatically flip it back upright.
- **Water-Cooled System:** The powerful Spektrum brushless motor and ESC are water-cooled, ensuring optimal performance during extended runs.
- **Optimal Conditions:** Operate the boat in calm, open water free from obstacles to maximize performance and avoid damage.



Image: The Pro Boat Recoil 2 RC Boat in action, demonstrating its speed and agility on the water.



Image: A dynamic front view of the RC boat cutting through the water, highlighting its deep-V styling.

5. MAINTENANCE

- **After Each Use:**
 - Remove the battery from the boat and store it safely.
 - Drain any water from the hull and wipe down the boat with a soft cloth.
 - Inspect the propeller for any debris or damage. Clean if necessary.
 - Check the rudder and steering linkages for smooth operation.
- **Water Cooling System:** Periodically check the water intake and outlet for blockages. Ensure water flows freely through the system to prevent motor overheating.
- **Propeller Care:** The propeller is a wear item. Inspect it regularly for nicks or bends. Replace if damaged to maintain optimal performance.
- **Storage:** Store the boat and all components in a cool, dry place away from direct sunlight.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Boat does not respond to transmitter.	Uncharged battery in boat or transmitter; not paired; out of range.	Charge/replace batteries. Re-pair transmitter and boat. Bring boat closer to transmitter.
Boat runs slowly or intermittently.	Low boat battery; propeller fouled; motor overheating.	Recharge boat battery. Clear propeller of debris. Check water cooling system for blockages.
Boat flips over frequently.	Rough water conditions; excessive speed in turns.	Operate in calmer water. Reduce speed when turning. Utilize self-righting feature.
Water inside the hull.	Hatch not properly sealed; damage to hull.	Ensure all hatches are securely closed. Inspect hull for cracks and repair if necessary.

7. SPECIFICATIONS

- **Brand Name:** Pro Boat
- **Model Name:** Recoil 2 18" Brushless, Heatwave: RTR
- **Model Number:** PRB08053T2
- **ASIN:** B0CWQ2CB91
- **UPC:** 660132883676
- **Age Range Description:** Ages 14+
- **Batteries Included:** Yes (1 Lithium Polymer battery required, included)
- **Power Source:** Battery Powered
- **Operation Mode:** Remote Control
- **Toy Vehicle Form:** Boat
- **Color:** Heatwave
- **Material Type:** Plastic
- **Item Dimensions (LxWxH):** 21.2 x 12.4 x 5.4 inches
- **Manufacturer:** Horizon Hobby

8. WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please refer to the official Pro Boat website or contact Horizon Hobby customer service directly. Keep your proof of purchase for any warranty claims.

Online Resources: [Horizon Hobby Official Website](#)