

Joysway JY8807V3

Joysway Binary V3 Catamaran RTR with Smart Sail Technology User Manual

Model: JY8807V3

1. INTRODUCTION

The Joysway Binary V3 Catamaran is an advanced Ready-To-Run (RTR) sailboat featuring innovative Smart Sail Technology, designed to provide an engaging and dynamic sailing experience. This manual outlines the necessary steps for setup, operation, maintenance, and safety to ensure optimal performance and longevity of your model.

Key Features:

- 99% Ready-To-Run (RTR) for quick assembly.
- 2.4 GHz digital proportional radio system for precise control.
- Powerful 9G rudder servo and 9G sail servo for responsive maneuvering.
- Integrated Smart Sail Control software to minimize capsizing.
- Includes a display stand for convenient storage and presentation.
- Requires only 7 AA batteries (not included).

2. IMPORTANT SAFETY WARNINGS

Read and understand all safety warnings before operating the product.

- An adult must be present during operation.
- This product is not waterproof. Avoid submerging the electronic components.
- Turn off the vehicle and the transmitter when not in use to prevent battery damage.
- This product uses a rechargeable battery. Improper handling of the battery can cause puncture, battery acid leakage, and potential fire.
- Dispose of batteries according to local laws and regulations.
- Connect the charger according to the instructions. Incorrect charger connection can lead to short circuits or other damage.

3. WHAT'S IN THE BOX

- Assembled Catamaran
- Product Manual

4. SETUP GUIDE

4.1. Battery Installation

1. Carefully open the hatch on the boat to access the battery compartment.
2. Gently plug the battery into the battery connector located on the bottom of the boat. Ensure correct polarity.
3. Place the battery onto the battery tray, ensuring it is securely attached, typically with Velcro.
4. After installation, the ship's indicator light will flash, confirming power.

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Video: Demonstrates battery installation and transmitter linking for the Voyager 400 RC Sailboat. This video is provided by the seller and is relevant for understanding the setup process.

4.2. Transmitter Linking

1. With the boat's battery connected and indicator light flashing, press and hold any trim button on the controller.
2. While holding the trim button, turn "ON" the controller.
3. Arm the motor by moving the left stick from low to high and then back to low.
4. If the green LED on the controller remains on, it indicates successful linking. If not, return to step 1 and repeat the process.

4.3. Sail Rope Restoration

If the rope on the sailboat falls off, please restore it as follows:

1. Locate the loose end of the sail rope.
2. Thread the rope through the designated eyelets and guides on the sail and mast, following the original path.
3. Secure the rope firmly to its attachment point, ensuring it is taut but not overly tight to allow for proper sail movement.

5. OPERATING INSTRUCTIONS

5.1. Motor-Powered Operation

For calm days or when precise maneuvering is required, the catamaran can be operated using its motor. Use the remote control's throttle stick to control forward and reverse movement, and the steering stick for rudder control. Ensure the keel adaptor is removed if using the motor.



Image: The Joysway Binary V3 Catamaran ready for operation.

5.2. Wind-Powered Operation

For an authentic sailing experience, the catamaran can be operated using wind power. Ensure the small keel adaptor is installed if you do not wish to use the motor. The Smart Sail Technology will assist in maintaining stability.



Image: The Joysway Binary V3 Catamaran sailing on water, demonstrating wind-powered movement.

5.3. Smart Sail Control

The Smart Sail Control system is designed to minimize capsizing. When the boat reaches a dangerous angle of inclination in gusty winds, the built-in intelligent angle sensing system automatically releases the sails, allowing the boat to return to the correct position. This feature significantly enhances stability and ease of use.



Image: A diagram explaining how the Smart Sails Control system works to prevent capsizing by automatically adjusting the sails.

6. MAINTENANCE

6.1. Post-Sailing Inspection

After each sailing session, carefully examine all parts of the catamaran for any signs of damage. This includes checking the hull, sails, rigging, rudder, and propeller. If any damage is found, do not operate the boat until the damage has been properly repaired.

6.2. Cleaning the Propeller

Regularly inspect the propeller for any debris such as weeds, fishing lines, or other foreign objects that may have become entangled. Use tweezers or a small tool to carefully remove any obstructions. A clean propeller ensures efficient motor operation and prevents damage.

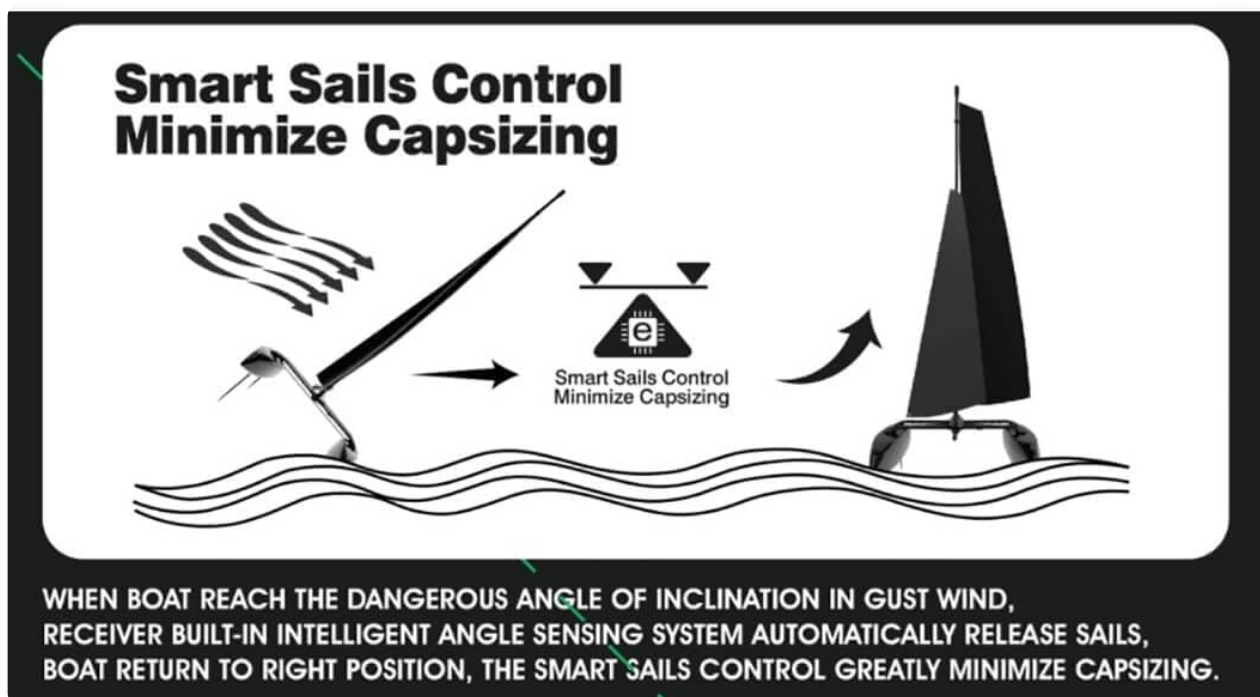


Image: Top-down view of the catamaran, useful for identifying components during maintenance.

7. TROUBLESHOOTING

This section provides general guidance for common issues. For specific problems not listed here, please contact customer support.

- **Boat not responding to transmitter:** Ensure both the boat and transmitter are powered on and successfully linked. Check battery levels in both devices.
- **Poor sailing performance:** Verify that sails are correctly rigged and free from obstructions. Check for any damage to the hull or rudder. Ensure the propeller is clean if using motor power.
- **Indicator light not flashing/on:** Recheck battery connection and ensure the battery is charged.

8. SPECIFICATIONS

Feature	Detail
Product Dimensions (L x W x H)	40 x 25.5 x 71 cm
Item Weight	2.1 Kilograms
Manufacturer Recommended Age	14 years and up
Model Number	JY8807V3
Number of Players	1
Main Material	Plastic, Rubber
Color	White
Battery Required	Yes
Batteries Included	No

Battery Type	AA
Power Source	Battery Powered
Special Feature	Portable

9. WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please refer to the contact details provided on the product packaging or visit the official Joysway website. Keep your purchase receipt as proof of purchase.

Related Documents - JY8807V3

	Joysway 8807V3 Binary V3 Catamaran Sailboat Instruction Manual This manual provides comprehensive instructions for setting up, rigging, operating, and maintaining the Joysway 8807V3 Binary V3 Catamaran R/C sailboat. Learn about boat terminology, battery installation, sails rigging, transmitter-receiver binding, and sailing techniques.
	Joysway DragonFlite 95 2.4GHz RTR Racing Sailboat Manual Comprehensive instruction manual for the Joysway DragonFlite 95 2.4GHz RTR High Performance Racing Sailboat, covering assembly, rigging, setup, and basic sailing terminology.
	Joysway Orion V2 RC Sailboat Assembly and Operation Manual Comprehensive guide for assembling and operating the Joysway Orion V2 2.4GHz RTR Race-Ready Sailboat, including specifications, parts list, rigging instructions, and sailing tips.

 DISCOVERY 2.4GHz RTR R/C RACING SAILBOAT SPECIFICATION: • Length: 180mm • Beam: 30mm • Mast: 100mm • Sail: 100mm • Motor: 100mm • Battery: 100mm • Receiver: 100mm • Servo: 100mm • Propeller: 100mm • Motor: 100mm • Battery: 100mm • Receiver: 100mm • Servo: 100mm • Propeller: 100mm	Joysway Discovery 8810 RC Racing Sailboat: Official Instruction Manual Official instruction manual for the Joysway Discovery 8810, a 2.4GHz RTR RC Racing Sailboat. Get detailed specifications, assembly guides, rigging instructions, and sailing tips from Joysway.
 J4C05 2.4GHz 4CH TRANSMITTER & RECEIVER INSTRUCTION MANUAL FC	Joysway J4C05 2.4GHz 4CH Transmitter & Receiver Instruction Manual Instruction manual for the Joysway J4C05 2.4GHz 4-channel transmitter and receiver, covering setup, binding, and basic operation for RC sailing.
 Pirate Segel Yacht RTR 2.4GHz Specifications: • Length: 180mm • Beam: 30mm • Mast: 100mm • Sail: 100mm • Motor: 100mm • Battery: 100mm • Receiver: 100mm • Servo: 100mm • Propeller: 100mm • Motor: 100mm • Battery: 100mm • Receiver: 100mm • Servo: 100mm • Propeller: 100mm	Joysway Pirate Segel Yacht RTR 2.4GHz RC Model Boat (B-JS-8809) Discover the Joysway Pirate Segel Yacht RTR 2.4GHz (B-JS-8809), a fun and high-performance RC model boat from Bay-Tec. Featuring a tough ABS hull, carbon masts, 2.4GHz radio, and metal geared servos, it's perfect for enthusiasts of all levels. Includes detailed specifications and pricing.