

# BANCROFT SCHARNHORST 1100 SCALE 1300MM (51.2) GERMAN CRUISER - RTR

BNC1023-004  
Instruction Manual



## INTRODUCTION

Thank you for choosing a Bancroft RTR Radio Control Boat! All RTR (Ready to Run) boats arrive fully equipped with a 2.4Ghz radio and receiver, servos, electric power system, drive battery, and a battery charger. Crafted from high quality materials and backed by Motion RC's world-class customer support, we hope you enjoy your Bancroft RC Boat! To familiarize yourself with this product, please thoroughly read this instruction manual and contact Motion RC if you have any questions prior to operating the vessel.

**Warranty:** This Bancroft RC Boat is guaranteed to be free from defects in material and workmanship at the date of receipt. This factory warranty does not cover any damage caused by shipping, user operation, or user modification. The warranty does not extend beyond the product itself and is limited at maximum to the original cost of the boat. By the act of assembling, operating, or controlling this boat, the user accepts all resulting liability for damage caused by this product. If the buyer is not prepared to accept all resulting liability for damage caused by this product, do not purchase this product, or contact Motion RC to return it before its use.

**Notice:** This is not a toy! Adult Supervision is Required. Assembly and running of this product require adult supervision. Study this manual completely, including all other official materials and information resources published by Motion RC, prior to attempting to operate this boat. Immediately after opening the shipping box, inspect all parts for completeness and damage. Contact Motion RC if you find any problems or issues before sailing the boat for the first time.

## Caution:

- Always conduct a range test on land before putting the boat in the water.
- Always avoid touching the propeller, which may cause serious injury.
- Do not operate in any creek, river, or stream with a running current.
- Always use a spotter to ensure the surrounding area is safe for RC boating.
- Use caution when entering the water to retrieve your boat for any reason.
- Frequently inspect the inside of the hull and ensure water hasn't accumulated before and after use.
- Quickly dry the boat after use to minimize corrosion or water damage.
- For safety and performance, always sail the boat in calm, still water.
- Follow all local rules and regulations regarding the operation of RC vehicles. Keep this hobby safe for future generations!



Item NO.BNC1023-004

## SPECIFICATION:

Scale: 1:100  
Overall length approx: 1300mm  
Beam approx: 220mm  
Overall height approx: 570mm

## CONTENTS:

3kg Steering Servo x1pcs  
Motor 550 x3pcs  
120A ESC x1pcs  
Radio control 2.4GHz System  
Battery 7.4V 2800mAh w/ XT60 Connector x1pcs  
Battery Charger x1pcs  
Boat Instruction Manual x1pcs

## THE FITTINGS YOU NEED TO BUY:

1.5V AA Batteries for the Radio

**Note:** Do not attempt to use a different battery voltage than what is specified in this instruction manual.

## Follow this basic operating guide step by step. This is a generalized guide that applies to all Bancroft boats. Take note of specific variations with your exact model.

- Step 1:** Open the box, then remove the boat and the wood stand. Assemble the wood stand.
- Step 2:** Remove the tight band and all retaining straps, then place the boat on the wood stand.
- Step 3:** Remove the small boxes containing the small parts, rigging, turrets, and other accessories.
- Step 4:** Insert AA batteries into the Radio Transmitter. For this RTR series, the manufacturer has pre-installed the power system.
- Step 5:** Charge the drive battery with the included charger.
- Step 6:** If your boat is ARTR, install your Receiver inside the hull above the waterline.
- Step 7:** Plug the rudder servo connector at CH1 and ESC connector at CH2.
- Step 8:** **IMPORTANT** - Always turn the radio on first before plugging in the battery. After use, always disconnect the battery first, then turn the radio off. Never allow your boat to be plugged in while the radio is turned off.
- Step 9:** Secure the charged drive battery into the hull. With the radio turned on, plug the battery into the ESC and ensure the battery wires do not impede the motors or drive shafts.
- Step 10:** The first time you open the RC, please ensure the ESC is in the neutral position. If the ESC is not in the neutral position, the motor will always rotate. Use the small red tool to adjust the position left or right.
- Step 11:** Ensure the rudder is perpendicular to the pushrod. Adjust the set screw to adjust as needed.
- Step 12:** Carefully remove masts, antenna and some small parts from their boxes. Complete installation according to the reference photos of your specific boat, or for Sailboats, refer to the Rigging Diagram on the product page for your Sailboat found on the Motion RC Website.

**Note:** Reference the Requires section on the Motion RC Website for any special requirements for your boat, such as ballast weight. Certain Bancroft boats, including most warships, require the user to add a specific range of ballast before attempting to sail the boat in water.

**Congratulations!** Your Bancroft RC Boat is ready to set sail!

## Warning

- Never leave your RC model unattended when the battery is connected.
- Always ensure the switch is off unless under adjustment.
- Never run the motor by connecting a separate battery when the motor is connected to the speed controller.
- Avoid incorrect battery connections and reverse polarity
- Never run the motors with the boat out of the water! Excessive vibration will result!

## Note: Charger and Battery

1. Follow all safety guidelines when charging the 2s 7.4V drive battery.
2. Never leave a charging battery unattended.
3. Never intentionally puncture, submerge, or damage a battery.
4. Do not overcharge the battery as it may cause battery damage.
5. Never dispose of a battery in the garbage. Adhere to local regulations regarding proper disposal of a battery.