

AMEWi 26107 Binary V3 Segelcatamaran



# AMEWi 26107 Binary V3 Segelcatamaran User Manual

[Home](#) » [AMEWi](#) » AMEWi 26107 Binary V3 Segelcatamaran User Manual 

## Contents

- 1 AMEWi 26107 Binary V3 Segelcatamaran
- 2 Product Information
- 3 Product Usage Instructions
- 4 DECLARATION OF CONFORMITY
- 5 SECURITY AND HAZARD WARNINGS
- 6 IMPORTANT NOTES
- 7 PRECAUTIONS
- 8 CONTENTS OF SET
- 9 BASIC BOAT TERMINOLOGY
- 10 ASSEMBLY
- 11 SAIL RIGGING
- 12 INSTALL RECEIVER BATTERIES
- 13 PREPERATION FOR SAILING
- 14 HOW TO SAIL ORION
- 15 Documents / Resources
  - 15.1 References



**AMEWi 26107 Binary V3 Segelcatamaran**



## Product Information

### Specifications

- Product Name: Binary V3 Segelkatamaran
- Model Number: 26107
- Manufacturer: AMEWI
- Operation: Remote-Controlled
- Frequency: 2403-2480MHz
- Maximum Transmitting Power: 15.6dBm

### Product Usage Instructions

#### • Safety and Hazard Warnings

Read and follow all safety and hazard warnings provided in the instruction manual.

#### • Battery Notice & Disposal

Dispose of batteries properly as per the guidelines provided in the manual to protect the environment.

#### • Important Notes

Operate the product safely and responsibly. Do not use the product in certain environmental conditions or places mentioned in the manual.

### Contents of Set

- Rumpf montiert with Batteriehalter und Servos (Hull installed with Servos and Battery Box)
- PVC-Abdeckung (PVC Deck Patch)
- Kiel (Keel)
- Segel, Mast & Ausleger (Sails, Mast & Booms)
- Fernsteuerung (Transmitter)

The jib boom and main boom are fitted with silicone rings. Adjust the position of the rings on the booms so that you can easily adjust the closing and opening angle of the jib and mainsail.

## FAQ

- **Q: Can children under 14 years old use this product?**

A: No, this product is not suitable for children under 14 years of age.

- **Q: What should I do if liquid enters the electronics?**

A: If liquid enters the electronics, they may be irreparably damaged. Avoid using the model in rain, snow, or thunderstorms.

- **Q: How should I dispose of used batteries?**

A: Batteries labelled with the recycling symbol should be placed into a used battery collecting tank. Do not put them into local household garbage.

## Welcome to AMEWI

The Amewi Trade GmbH is an international import- and wholesale company for R/C models, toys and creative items, located in Borchten near Paderborn, Germany. Our product range includes over 10,000 items. Above all, this includes remote-controlled car, helicopter, boat, and tank models as well as a wide range of accessories and all necessary spare parts. Our sales network includes over 700 specialist dealer and online retailers across Europe.

The company AMEWI Trade GmbH is a pure wholesale company. We only sell our products to retailers. When you purchase AMEWI products as an end consumer, you are entering into a contract with the retailer. Please always contact your dealer in warranty cases.

AMEWI Trade GmbH  
Nikolaus-Otto-Str. 18  
33178 Borchten  
Germany

**Servicezeiten:** Dienstag 9:30 – 12:00 Uhr | Donnerstag 14:00 – 16:30 Uhr

**Telefon:** +49 180 5009821 (Festnetz 14Ct/Min., Mobil max. 42Ct/Min.)

**Support:** <https://amewi.com>

## DECLARATION OF CONFORMITY

This product has been manufactured according to actual technical standards. The product is matching the requirements of the existing European and national guidelines. The Declaration of Conformity has been proofed. AMEWI Trade GmbH declares that this product is matching the basic requirements and remaining regulations of the guideline 2014/53/EU (RED). The declarations and documents are stored at the manufacturer and can be requested and applied there. <https://amewi.com/Konformitaetserklaerungen> For additional questions to the product and conformity please contact: Amewi Trade GmbH Nikolaus-Otto-Str. 18, 33178 Borchten Germany or website <https://amewi.com>.

## SECURITY AND HAZARD WARNINGS

- For damage, caused by disregarding of the manual, warranty expires.
- We are not liable for secondary failures, material, or personal damage, caused by in proper usage or disregarding the security notices.
- Based on security and registration (CE) reasons, it is forbidden to modify the product personally. Do not disassemble the product.
- Small parts. Danger of suffocation or risk of injury caused by small parts.
- Suitable for people aged 14+!
- The product is not allowed to get moist or wet. The product is only allowed to be used on flat and clean surfaces. Even a drop down from a small height can cause damage to the product.

## BATTERY NOTICE & DISPOSAL

- **Attention!** Battery do not belong in the hands of children.
- A change of the battery must be done by an adult person.
- Never mix rechargeable batteries with non-rechargeable batteries.
- Never mix fully charged batteries with almost empty batteries.
- Never mix batteries of different capacities.
- Never try to charge dry batteries.
- Take care of the correct polarity.
- Defective batteries belong to special waste.
- Never leave a charging battery unattended.
- For questions about the charging time please read the manual or ask the manufacturer.
- Read the safety instructions and warnings before using or charging the Li-Ion battery.
- Stop using or charging it immediately if it leaks, has a temperature above 70° C or anything else unusual occurs.
- Use only a qualified and specific Li-Po/Li-Ion charger.
- Never charge the battery unattended.
- Do not charge the battery if the charge exceeds 4.2 V / cell.
- Do not charge the battery with a charging current above 2C.
- Please check and ensure that you are using a qualified charger.
- An unqualified charger may cause a fire.
- Do not discharge the battery with a current exceeding the maximum discharge current.
- Otherwise, this will cause the battery to overheat. This may result in bursting, fire or explosion.
- Never disassemble, puncture, knock, drop, short circuit and/or throw the battery into a fire.
- Improper use such as short-circuiting, or overcharging may result in explosion or fire.
- Keep the battery in a safe place that babies or children cannot reach.
- The above indicates the danger of using the battery.
- The user assumes full responsibility for the outcome of using the battery.

## DISPOSAL



- ■■■ AMEWI is registered below the Bat-Reg.-No. DE 77735153 and WEEE-Reg.-No. 93834722 at the foundation EAR and recycles all used electronic parts properly.

- Electric and electronical products are not allowed to put in household garbage.
- Please dispose the product at the end of the lifetime according to the actual laws.
- You as a customer are responsible by law for the return of all used batteries, a disposal over the household garbage is forbidden!
- Batteries containing hazardous substances are marked with the alongside symbols, which point to the prohibition of disposal in household garbage.
- Additional notations for the critical heavy metal are Cd=Cadmium, Hg=Quicksilver, Pb=lead {Label is placed on the batteries, for example below the bottom left trash symbols).



- Based on RoHS labelling the manufacturer confirms, that all limit values were taken care of at the time of manufacturing.



- Batteries labelled with the recycling symbol can be put into used battery collecting tank. (Most supermarkets have)
- They are not allowed to be put into local household garbage.



- AMEWI Trade GmbH is involved in the dual system for boxing over the company Landbell AG. All used boxes are collected from partner companies (waste disposal contractor) at private customers (local household), sorted and properly utilized. The involvement in a Dual Systems helps to save CO2 Emissions.

## THANK YOU

Thank you for purchasing the Amewi Binary V3. Please read the instruction manual carefully and keep it for future reference.

## WARNING

This remote-controlled model is not a toy. It consists of many small parts and is not suitable for children under 14 years. Four 1.5V AA batteries are required for the remote control and the four 1,5V AAA batteries for the boat.

## ON INAPPROPRIATE USE OF THE PRODUCT

Please do not disassemble or modify the model in any way. Do not use this product improperly or illegally and do not operate it in a manner that could endanger others or yourself.

## MAXIMUM TRANSMITTING POWER DATA

Betriebsfrequenz	2403-2480MHz	Operation Frequency:
Maximale Funkfrequenzstärke: Maximale Spitzenleistung	15,6dBm	Maximum Radio Frequency power: Maximum peak power

## IMPORTANT NOTES

**Note:** This product is manufactured according to strict performance guidelines and complies with safety standards and requirements. This product is not suitable for children under 14 years of age. The manufacturer is not liable for any injury or accident caused using abnormal parts, excessive wear and tear, improper assembly, or operation. Please operate this product safely and responsibly.





## PRECAUTIONS

- Please read the following safety information before using the model.
- Please do not use the model in rain, snow, or thunderstorms.
- If liquid enters the electronics, they may be irreparably damaged.
- Please do not use the model in an environment that you cannot see.
- Signal interference can cause the model to go out of control.

			
<b>In der Nähe eines Funkturms, Mobilfunkmasten oder anderen Orten mit aktiven Funkwellen.</b> Near a radio tower, mobile phone masts or other places with active radio waves.	<b>In der Nähe von Menschenmengen oder an öffentlichen Plätzen.</b> Near crowds or in public places.	<b>In der Nähe von Flüssen, Teichen oder Seen.</b> Near rivers, ponds or lakes.	<b>In der Nähe von Strommasten oder anderen Sendemasten.</b> Near electricity pylons or other transmission towers.

- Please do not use the model in the following places:
- Please do not operate the model if you are tired or unwell, have drunk alcohol or taken drugs – this may cause injury to yourself or others.
- To avoid burns, never touch drive parts and motors during or immediately after use as they can be very hot.
- Incorrect operation of the transmitter can cause injury to you or others.
- Be sure to familiarize yourself with the operation before using the model.
- Check the model and the remote control before use.
- Check screws to make sure they are tight.
- When you have finished using the model, always switch off the model first and then the remote control.
- Otherwise, the model may get out of control.
- If the model gets out of range, it may get out of control.
- Please always stay close to the model with the transmitter.

## IMPORTANT NOTES

	<ul style="list-style-type: none"> <li>• Lesen Sie unbedingt das Handbuch bevor Sie beginnen. Be sure to read thoroughly the manual before you begin.</li> </ul>		<ul style="list-style-type: none"> <li>• Verpolen/Öffnen Sie nicht die Batterien für den Sender. Never reverse connection / disassemble the battery.</li> </ul>
	<ul style="list-style-type: none"> <li>• Da das Produkt kleinteile enthält, halten Sie es von kleinen Kindern fern. As the product contains small parts, keep it away from small children.</li> </ul>		<ul style="list-style-type: none"> <li>• Fahren bzw. Fliegen Sie nicht auf öffentlichen Straßen oder überfüllten Plätzen. Do not operate the model on public roads or crowded places.</li> </ul>

## CONTENTS OF SET

Rumpf montiert mit  
Batteriehalter und Servos  
Hull installed with Servos  
and Battery Box



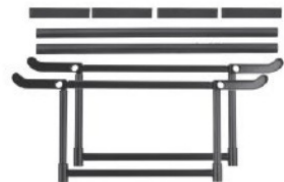
Segel, Mast & Ausleger  
Sails, Mast & Booms

PVC-Abdeckung  
PVC Deck Patch



Fernsteuerung  
Transmitter

Kiel  
Keel



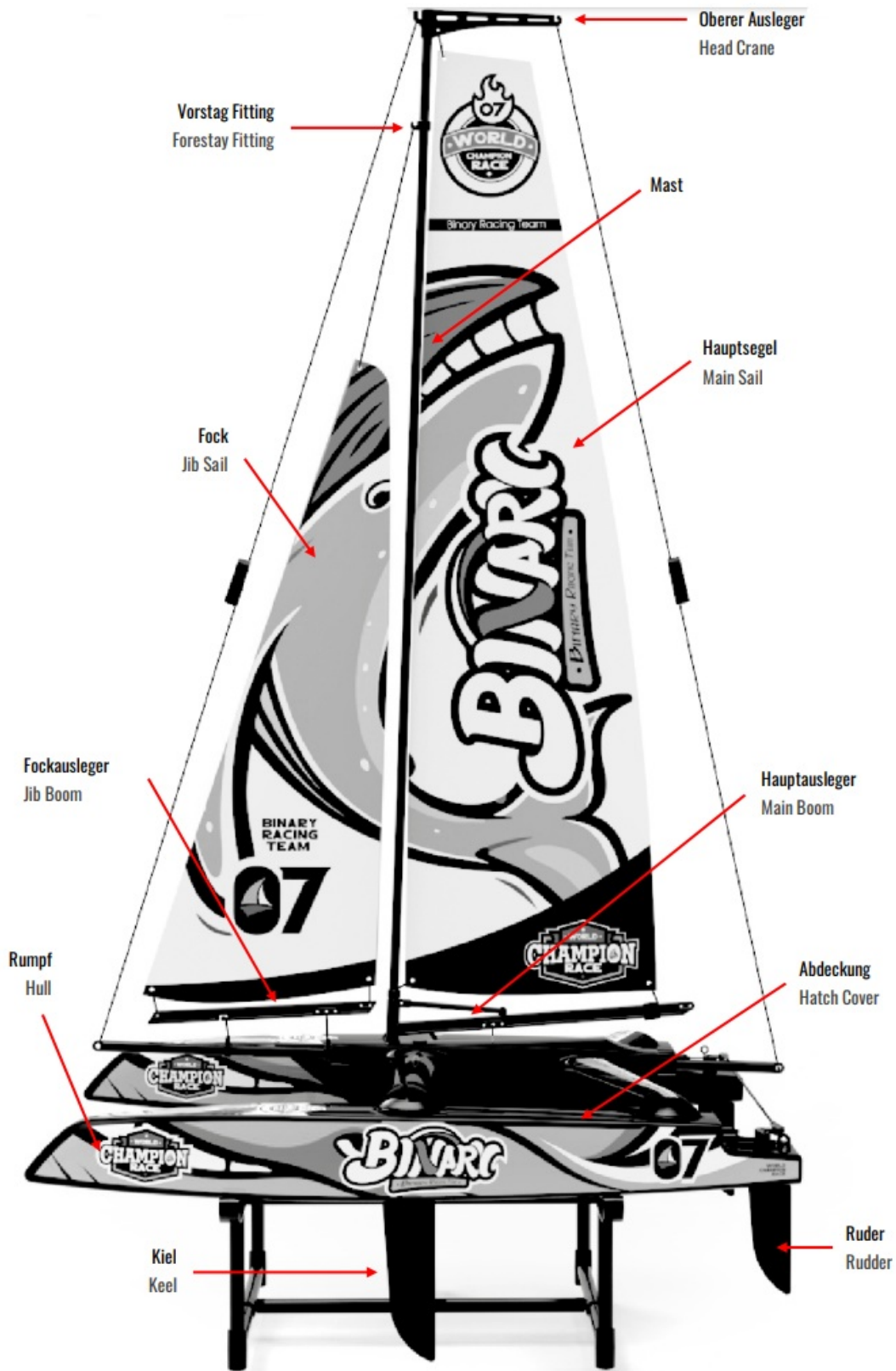
Bootsständer  
Boat Stand

## IMPORTANT NOTE

The jib boom and main boom are fitted with silicone rings. Adjust the position of the rings on the booms so that you can easily adjust the closing and opening angle of the jib and mainsail.

## BASIC BOAT TERMINOLOGY





- **Bow:** the front of the boat
- **Stern:** The back of the boat
- **Port:** This is the left side of the boat when view the boat from the stern.
- **Starboard:** This is the right side of the boat when view from the stern.
- **Hull:** The body of the boat.
- **Deck:** The top of the boat
- **Keel:** a weighted blade the protrudes from the bottom of the hull as a means of providing lateral stability.
- **Rudder:** The hinged vertical plate mounted at the stern that controls steering.



## INSTALL TRANSMITTER BATTERIES

Only use full batteries for the remote control.



1. Make sure that the remote control is switched off.
2. Open the battery compartment by sliding the cover down.
3. Insert four AA batteries. Pay attention to the polarity.
4. Close the battery compartment.

**NOTE:** When switching on the remote control, make sure that the left lever is in the neutral position. When you switch on the remote control, a “beep” sound is heard and the green status light flashes.

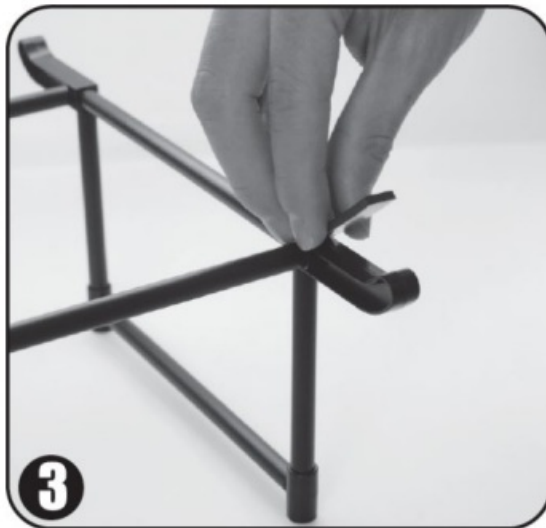
## ASSEMBLY

### BOAT STAND ASSEMBLY

- Attach the two long tubes in the side panels.

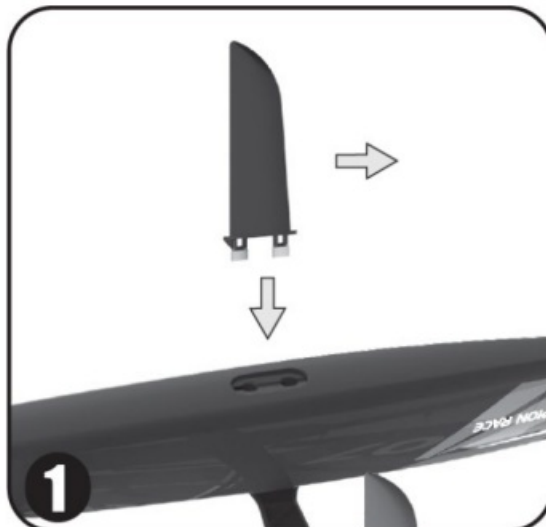


- Attach the four protectors to the top of the stand. These protect the hull from scratches.



### KEEL ASSEMBLY

- Attach the two keels to the underside of the hull. Pay attention to the direction and make sure that the keel is pushed all the way down and sits firmly on the hull.



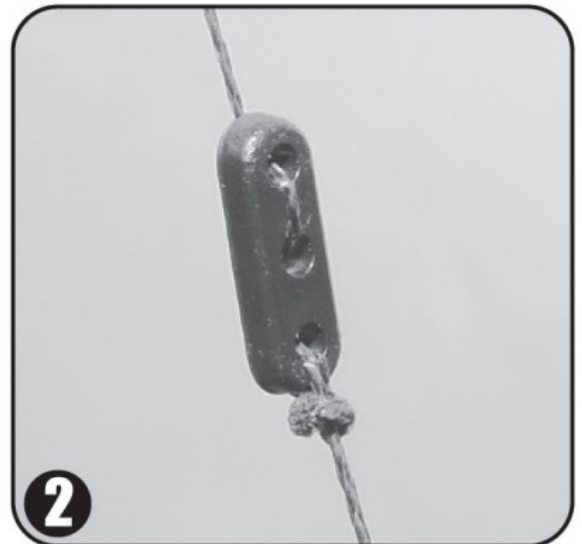
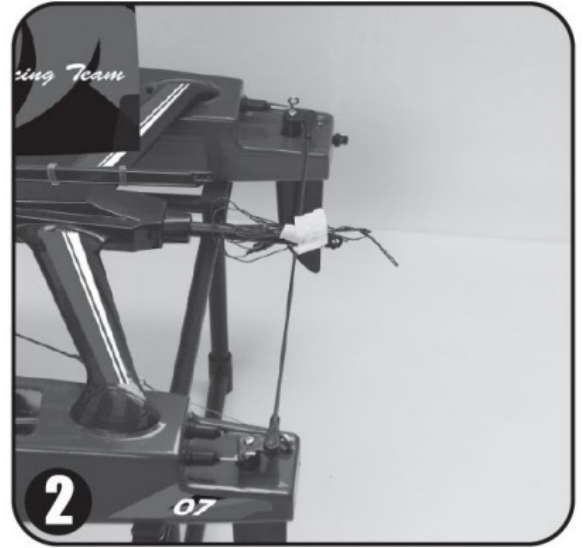
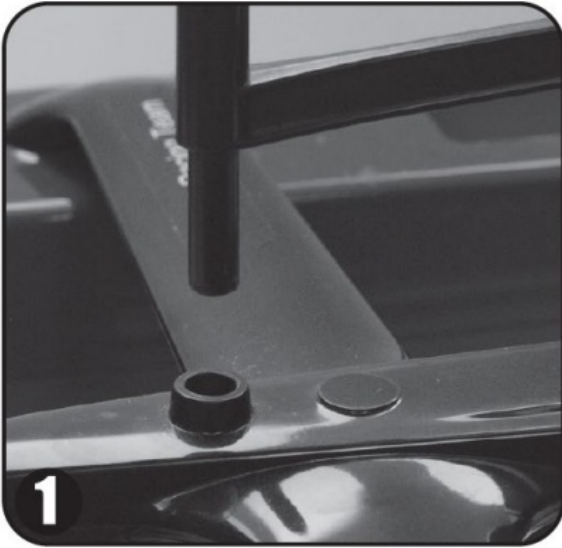
### SAILS, MAST AND BOOMS ASSEMBLY

- Place the boat on the stand for the next step. Remove the sail, mast, and boom from the packaging.

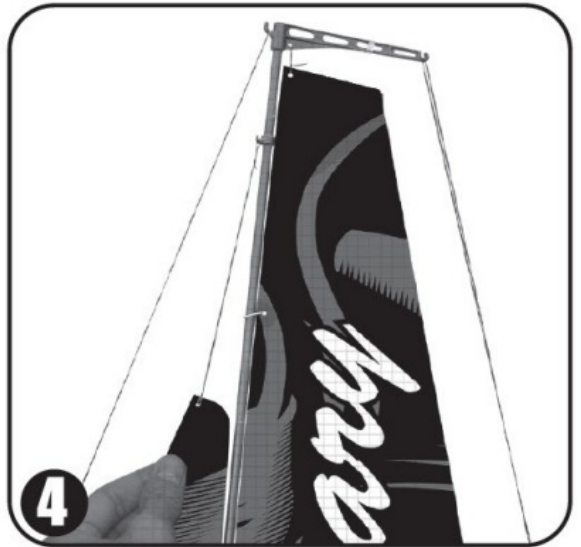
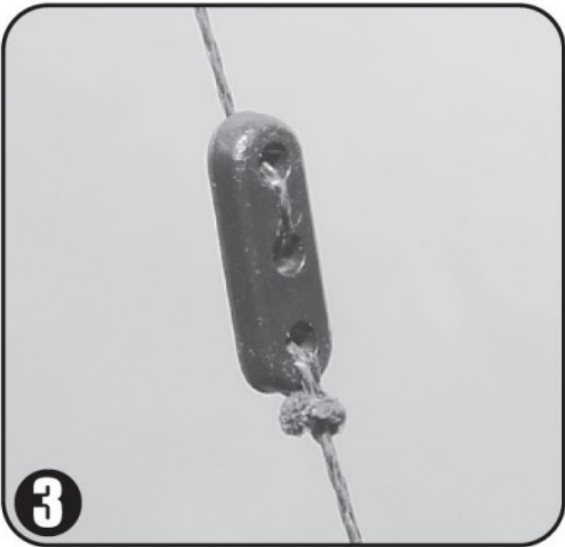
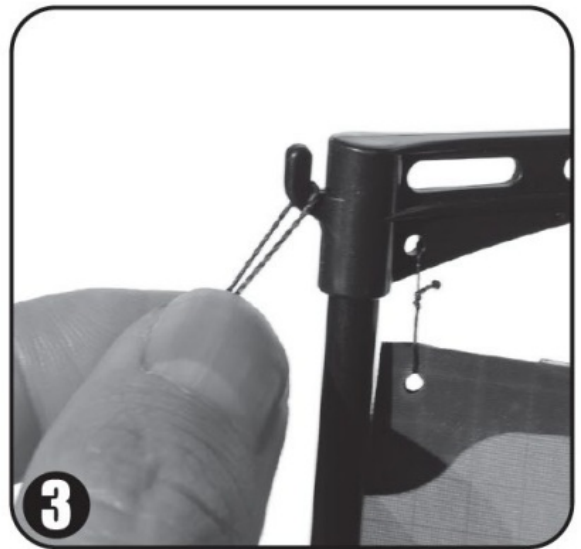
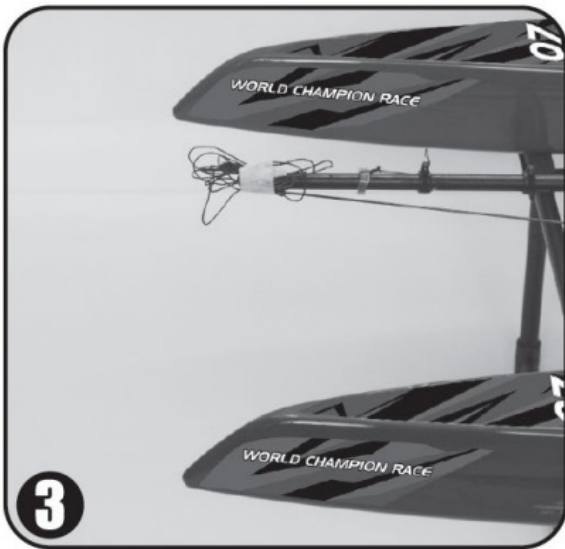


## SAIL RIGGING

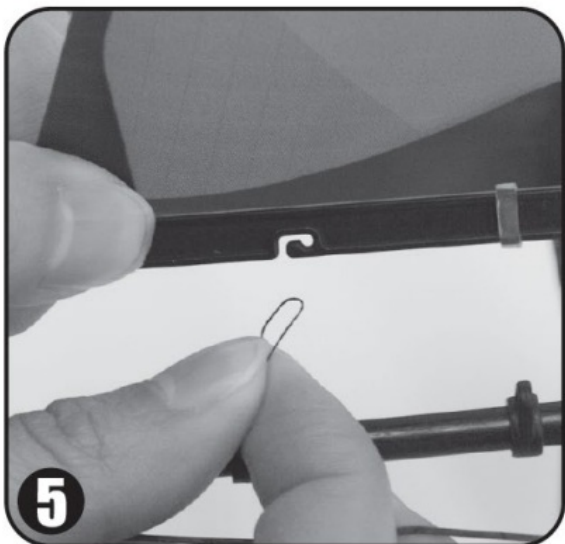
1. Attach the mast to the mast bracket.
2. Use the cord at the rear end of the center spar to attach it to the hook of the upper boom. Adjust the clamping slider to pull the cord taut.



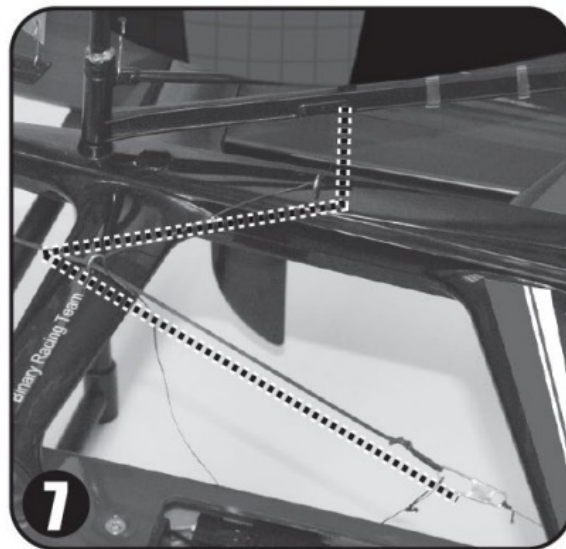
3. Use the rope at the front end of the center spar to attach it to the hook on the top boom.
4. Adjust the clamping slider so that the forestay cord is pulled tight and straight.



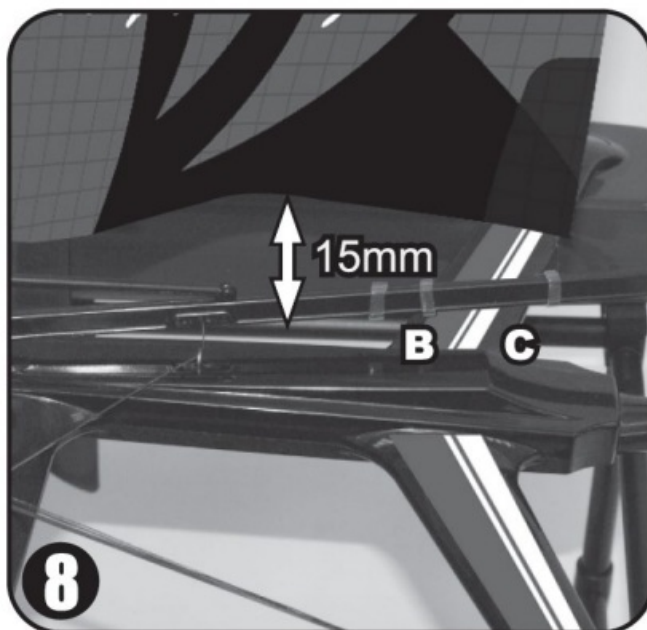
5. There is a cord loop attached to the silicone ring on the centre spar. Use this cord loop to attach the hook under the jib boom. Adjust the silicone ring to pull the rope taut.



6. Thread the jib boom line through the eyelet (front to back) in the center spar, thread it through the deck eyelet on the front sheeting deck and attach the cord loop to the bracket.
7. Thread the main boom line through the deck eyelet on the center spar. Then thread it through the deck eyelet on the front sheeting deck and attach it to the bracket.



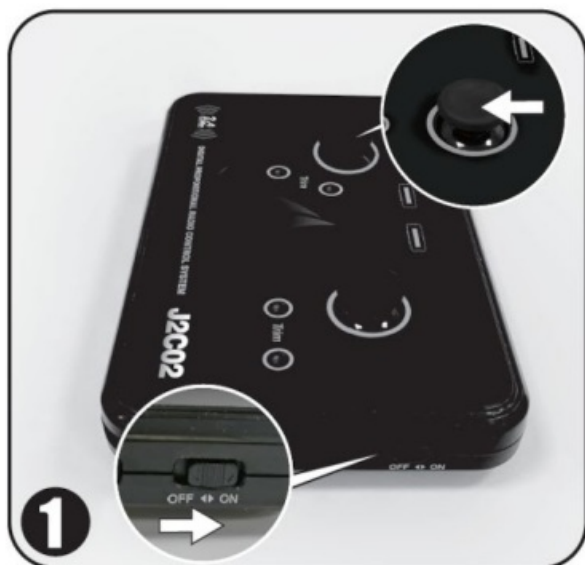
8. Adjust the silicone rings B & C on the main boom to adjust the distance of the main sail.



## INSTALL RECEIVER BATTERIES

- **IMPORTANT NOTE:** Always switch on the remote control before switching on the receiver. Always switch off the receiver first and then the remote control.
- Insert three AAA 1.5V batteries into the battery box, paying attention to the polarity. Place the battery box in the fuselage and secure it with the hook and loop tape. Make sure the left lever is in the neutral position and switch on the remote control.





- Switch on the receiver by pushing the linkage forward to the “ON” position. The LED on the receiver lights up, the remote control emits a beep-beep sound and the green status LED lights up continuously.



### TRANSMITTER AND RECEIVER BINDING

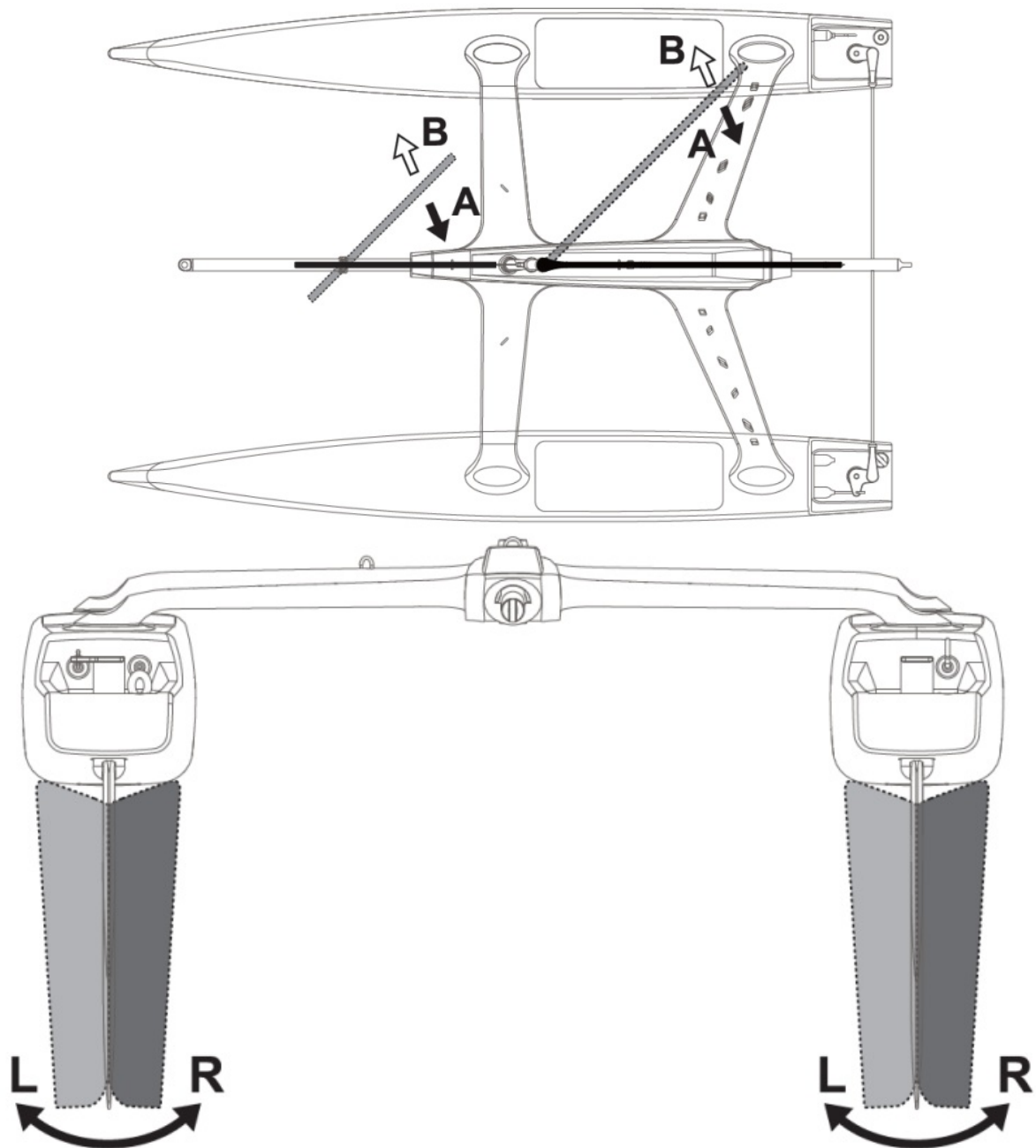
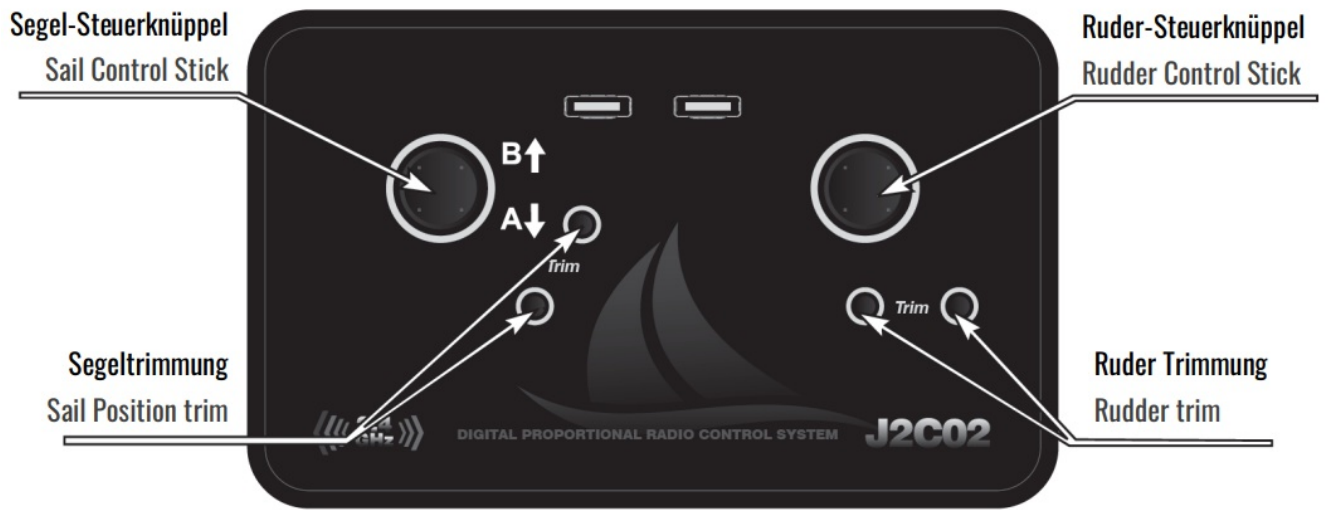
The remote control and the receiver connect automatically when they are switched on. It is not necessary to press a button to establish the connection. Just make sure that there are no other remote controls or receivers in the vicinity when the transmitter and receiver connect.

### PREPERATION FOR SAILING

Before sailing your sailboat for the first time, always switch on the remote control before switching on the receiver and always switch off the receiver before switching off the transmitter.

Follow the process below to check the steering and boat functions:

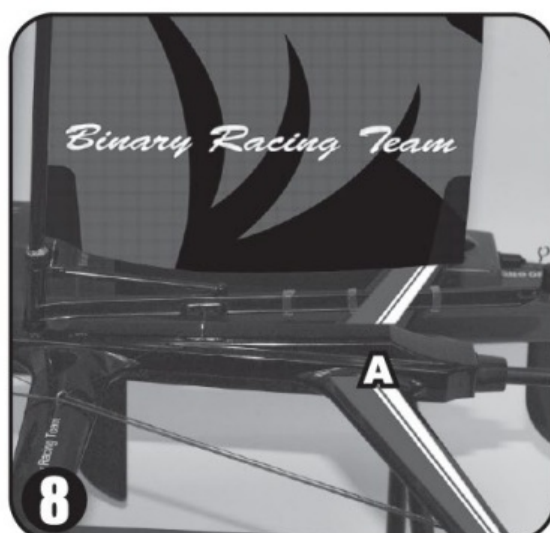
1. The BINARY is supplied with a 2.4 GHz 4-channel remote control. Note the functions of the transmitter.
2. When the sail control stick is in position A, the main boom and jib boom should be in position A as shown. When the stick is in position B, the boom should move to position B.
3. You may need to neutralise the sail servo position by pressing the sail trim buttons up or down.
4. With the rudder control stick, when the stick is pushed to the left, the rudder should move to the left. When pressed to the right, the rudder should move to the right.
5. The rudder neutral position can also be set with the trim buttons to the left or right.



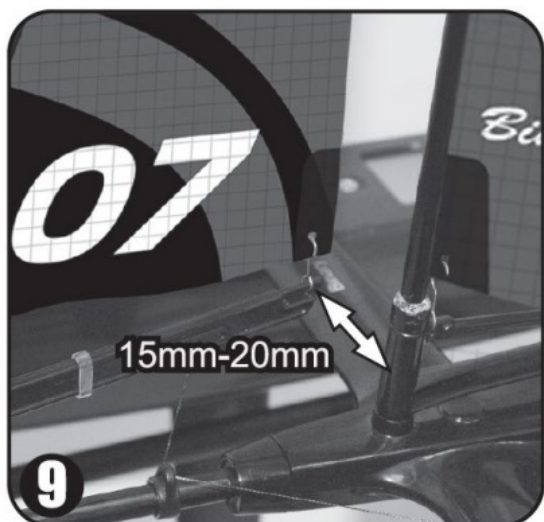
6. Adjust the silicone ring on the center spar so that the jib boom is pulled taut.
7. Push the left stick to the lowest position. This causes the winch servo to pull the jib boom cord and the main boom cord taut.



8. Adjust the position of the silicone ring on the main boom so that the main boom is on the centerline of the crossbeam when the winch servo pulls the main boom cord taut.



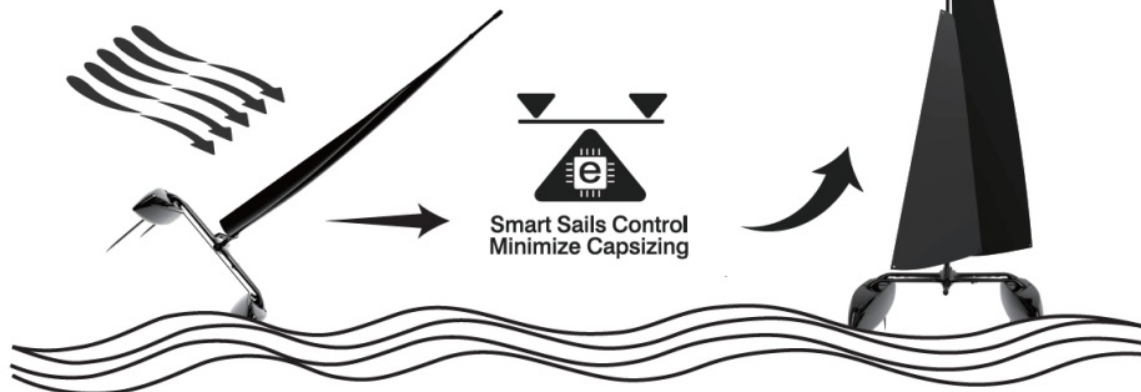
9. Adjust the silicone ring on the boom so that the rear end of the jib boom is 15-20mm away from the mast when the winch servo pulls the boom cord taut.
10. Push the left-hand control stick up to the highest position to check whether the mainsail and jib open freely or not.
11. Finally, glue the two PVC hatches to the recesses on the hull deck.



When the boat reaches a dangerous pitch angle in gusty winds, the built-in intelligent angle detection system automatically releases the sails and the boat returns to the correct position. The intelligent sail control significantly minimises capsizing.

# INTELLIGENTE SEGELSTEUERUNG

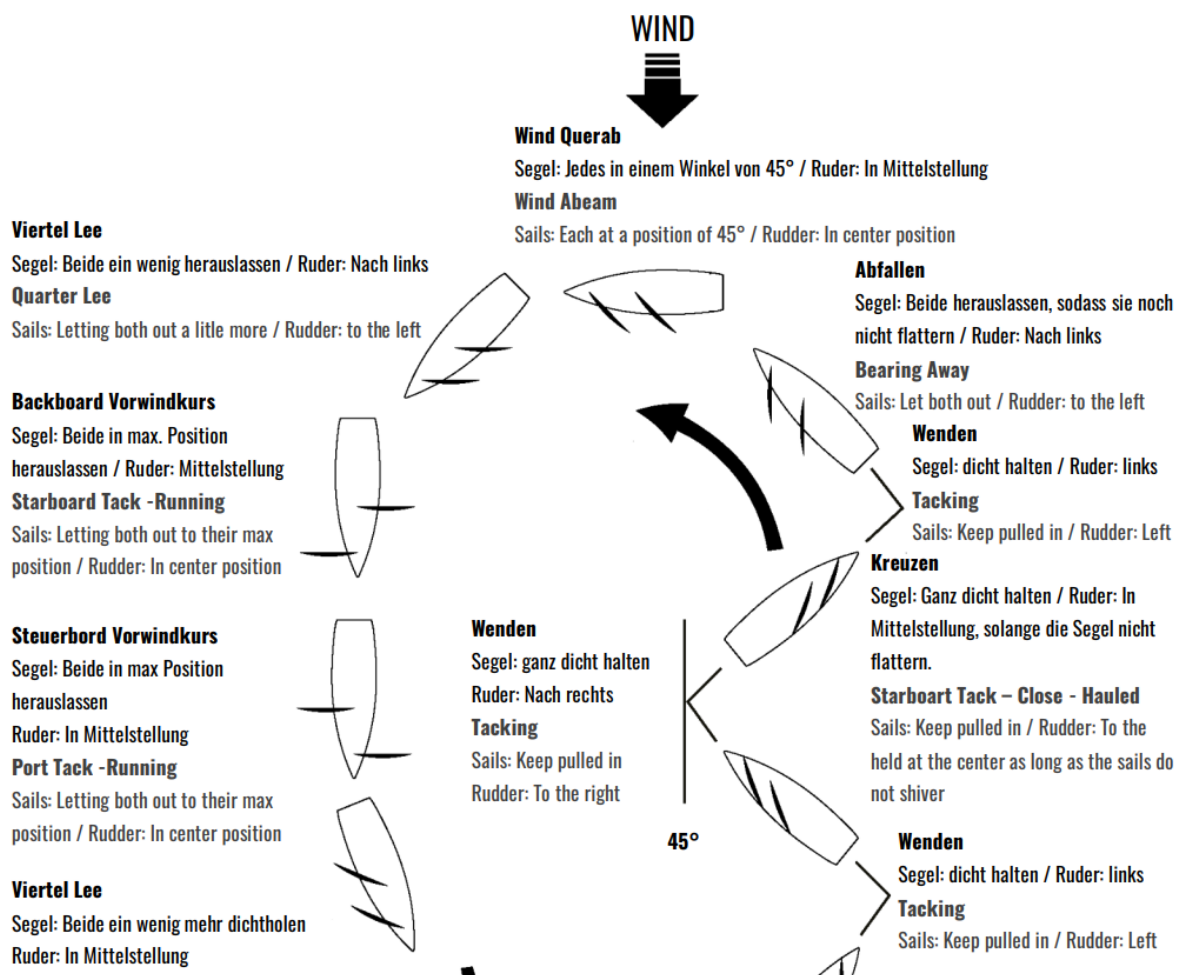
## KENTERN MINIMIEREN



### SAILING THE BINARY

Unlike propeller-driven boats, which you can stop and accelerate, sailing boats present an interesting challenge. Sailing requires constant reaction to water movement, gusts of wind and changes in wind direction. These influences then require you to adjust your rudder and sail position to achieve the best possible course. There is no substitute for experience “on the water” and after the initial tests, you may wish to re-read this manual to gain a better understanding of the “art” of sailing. When learning to sail, it is useful to pick up as much sailing terminology as possible. This will make it easier for you to understand some aspects.

### HOW TO SAIL ORION



#### Quarter Lee

Sails: Pulling both in a little  
Rudder: In center position

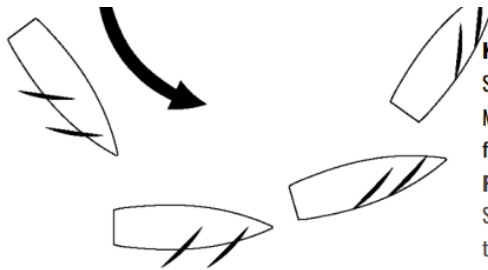
#### Anlufen

Segel: Nach und nach dichtholen

Ruder: Nach links

#### Luffing Up

Sails: Pulling in bit by bit / Rudder: To the left



#### Kreuzen

Segel: Ganz dicht halten / Ruder: In Mittelstellung, solange die Segel nicht flattern.

#### Port Tack – Close - Hauled

Sails: Keep pulled in / Rudder: To the held at the center as long as the sails do not shiver

#### Anlufen

Segel: Beide ganz dichtholen Ruder: Links

#### Luffing Up

Sails: Pulling in all the way / Rudder: Left

#### Start mit Wind querab

Segel: Jedes in einem Winkel von 45° / Ruder: In Mittelstellung

#### Start Wind Abeam

Sails: Each at a position of 45° / Rudder: In center position

1. Sail the Binary only on still waters. Never sail your boat on flowing waters, such as streams or rivers, where it is easy to lose control of your boat.
2. Do not sail the Binary in strong winds.
3. Never try to swim to a boat that is stuck! Wait patiently for the wind currents to bring the boat back to shore.
4. After sailing, remove the deck patches and allow the inside of the boat to dry out completely. Failure to do so may result in corrosion of the electronic components.

[amewi.com](http://amewi.com)





## Documents / Resources



[AMEWi 26107 Binary V3 Segelcatamaran](#) [pdf] User Manual

26107 Binary V3 Segelcatamaran, 26107, Binary V3 Segelcatamaran, Segelcatamaran

## References

-  [Ferngesteuerte Fahrzeuge, Boote, Flugzeuge, Hubschrauber und Panzer - amewi.com](#)
-  [Ferngesteuerte Fahrzeuge, Boote, Flugzeuge, Hubschrauber und Panzer - amewi.com](#)

-  [Alle Wichtige Informationen zu Amewi Produkten - amewi.com](https://amewi.com)
- [User Manual](#)

**Manuals+, Privacy Policy**

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.