

Prüfbericht - Nr.:  
Test Report No.:

14026593 001

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## User manual



**Patrol Boat**  
**Falshöft**  
#301001

- D** *Montage- und Betriebsanleitung*
- GB USA** *Assembly and operating instructions*
- F** *Instructions de montage et d'utilisation*
- E** *Instrucciones de montaje y de servicio*
- I** *Istruzioni per il montaggio e l'uso*
- NL** *Montage- en gebruiksaanwijzing*
- P** *Instruções de montagem e modo de utilização*
- S** *Monterings- och bruksanvisning*
- FIN** *Asennus- ja käyttöohje*
- PL** *Instrukcja montażu i obsługi*
- H** *Szerelési és használati utasítás*
- SLD** *Navodila za montažo in uporabo*
- CZ** *Návod k montáži a obsluze*
- N** *Montajse- og bruksanvisning*
- DK** *Monterings- og driftsvejledning*
- GR** *Οδηγίες συναρμολόγησης και λειτουργίας*

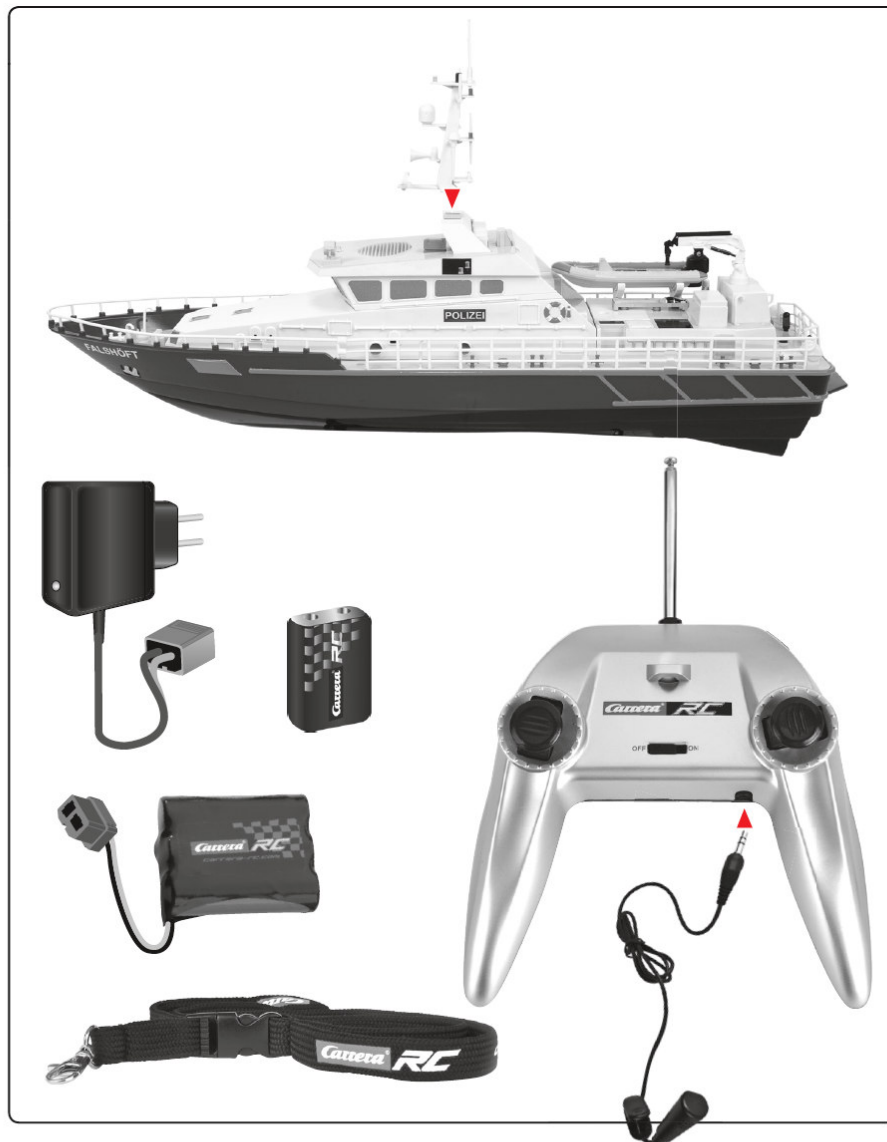
**RC Power**  
**carrera-rc.com**  
*Made in China, Huizhou.*

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*Lieferumfang · Contents of package · Fournitures · Contenido del embalaje  
Contenuto della fornitura · Inhoud van de levering · Volume de fornecimento  
Leveransomfattning · Toimituslaajuus · Zakres dostawy · Szállítási terjedelem  
Vsebina pakiranja · Rozsah dodávky · Leveringsomfang  
Leveringsomfang · Παραδοτέος εξοπλισμός*



<b>Montage- und Betriebsanleitung</b> <i>Technische und designbedingte Änderungen vorbehalten</i>	<b>4</b>	<b>D</b>
<b>Assembly and operating instructions</b> <i>Subject to technical or design-related modification</i>	<b>8</b>	<b>GB</b> <b>USA</b>
<b>Instructions de montage et d'utilisation</b> <i>Sous réserve de modifications techniques et des véhicules</i>	<b>12</b>	<b>F</b>
<b>Instrucciones de montaje y de servicio</b> <i>Reservado el derecho a modificaciones técnicas o debidas al diseño</i>	<b>16</b>	<b>E</b>
<b>Istruzioni per il montaggio e l'uso</b> <i>Con riserva di modifiche tecniche e dovute al design</i>	<b>20</b>	<b>I</b>
<b>Montage- en gebruiksaanwijzing</b> <i>Technische en door het design bepaalde wijzigingen voorbehouden</i>	<b>24</b>	<b>NL</b>
<b>Instruções de montagem e modo de utilização</b> <i>Sujeito a alterações de design e técnicas</i>	<b>28</b>	<b>P</b>
<b>Monterings- och bruksanvisning</b> <i>Tekniska och designrelaterade ändringar förbehållna</i>	<b>32</b>	<b>S</b>
<b>Asennus- ja käyttöohje</b> <i>Oikeudet tekniisiin ja muotoilumuutosten aiheuttamiin muutoksiin pidätetään</i>	<b>36</b>	<b>FIN</b>
<b>Instrukcja montażu i obsługi</b> <i>Zastrzega się prawo do zmian technicznych oraz uwarunkowanych wzornictwem</i>	<b>40</b>	<b>PL</b>
<b>Szerelési és használati utasítás</b> <i>A műszaki és formatervezésből eredő módosítások joga fenntartva</i>	<b>44</b>	<b>H</b>
<b>Navodila za montažo in uporabo</b> <i>Tehnično in oblikovno pogojene spremembe pridržane</i>	<b>48</b>	<b>SLO</b>
<b>Návod k montáži a obsluze</b> <i>Technické a designem podmíněné změny vyhrazeny</i>	<b>52</b>	<b>CZ</b>
<b>Montajse- og bruksanvisning</b> <i>Det tas forbehold om endringer i teknikk og design</i>	<b>56</b>	<b>N</b>
<b>Monterings- og driftsvejledning</b> <i>Tekniske og designmæssige ændringer forbeholdes</i>	<b>60</b>	<b>DK</b>
<b>Οδηγίες συναρμολόγησης και λειτουργίας</b> <i>Με την επιφύλαξη τεχνικών και σχεδιαστικών αλλαγών</i>	<b>64</b>	<b>GR</b>

**Dear customer**

Congratulations on purchasing a Carrera RC model boat, manufactured in accordance with the latest technology. As it is our constant endeavour to develop and improve our products, we reserve the right to make modifications, either of a technical nature or with respect to features, materials, and design, at any time, and without prior notice. For this reason, no claims will be accepted for any slight deviations in your product from the data and illustrations contained in these instructions. These operating and assembly instructions are an integral part of the product. Non-observance of these operating instructions and the safety instructions they contain will render the guarantee null and void. These instructions are to be kept for future reference and in the event that the product is passed on to a third party.

**Guarantee conditions**

A Carrera product is built to high technical standards and is to be treated with care. Please ensure that you observe all the instructions contained in this guide. All components have been subjected to careful inspection (technical modifications and alterations to the model for the purpose of product improvement are reserved).

Should any faults nevertheless occur, guarantee is assumed within the scope of the following conditions:

The guarantee covers demonstrable material or manufacturing defects that existed at the time that the Carrera product was purchased. The guarantee period is 24 months beginning with the date of purchase. The guarantee does not extend to wearing parts, damage caused by improper treatment or use, or unauthorised intervention. Repair may only be performed by Stadlbauer Marketing + Vertrieb GmbH itself or by a company it has authorised to do so. Within the scope of this guarantee, either the product as a whole or only the defective components will be replaced or equivalent substitution performed, as deemed appropriate by Stadlbauer Marketing + Vertrieb GmbH. The guarantee does not cover transport, packaging or travel costs or any damage for which the buyer is responsible. These costs are to be covered by the buyer. Guarantee claims will only be accepted from the original purchaser of the Carrera product.

**Guarantee claims can only be accepted when:**

- The card has been filled in properly and sent in together with the defective Carrera product and the purchase receipt/invoice/cash-register receipt.
  - No unauthorised alterations have been made by the buyer to the guarantee card.
  - The toy has been treated in accordance with the operating instructions and subjected to its intended use.
  - The damage/faulty operation is not due to acts of God or normal wear and tear.
- Guarantee cards cannot be replaced.**

**Note for EU countries:** Reference is hereby made to the seller's statutory guarantee obligation, to the extent that this guarantee obligation is not restricted by the product guarantee.

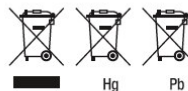
**Declaration of conformity**

Stadlbauer Marketing + Vertrieb GmbH hereby declares that this model including the controller conforms with the fundamental requirements of the following EC directives: EC Directives 2009/48 and 2004/108/EC regarding electromagnetic compatibility and the other relevant regulations of Directive 1999/5/EC (R&TTE).

The original declaration of conformity can be requested from [carrera-rc.com](http://carrera-rc.com).


**CE 0197**
**Warning!**


This toy contains small parts which can be swallowed and is therefore not suitable for children under the age of 36 months. Caution: danger of pinching during operation! Remove all packaging materials and wire fastenings before handing the toy over to the child. Please retain the packaging and address for information and in the event of any questions.



This symbol, showing refuse bins with a cross through them, denotes that empty batteries, rechargeable batteries, button cells, rechargeable battery packs, equipment batteries, disused electrical equipment, etc. should not be disposed of in domestic refuse, as they are harmful to the environment and health. Please help to preserve environment and health and talk to your children about the correct disposal of used batteries and disused electrical equipment. Batteries and disused electrical equipment should be handed in to the usual collection points where they can be properly recycled.

Do not mix dissimilar battery types or employ new and used batteries together. Empty batteries should be removed from the product. Do not attempt to recharge non-rechargeable batteries. Rechargeable batteries should only be charged under adult supervision. Exhausted batteries are to be removed from the toy. Rechargeable batteries should be removed from the product before charging. Supply terminal are not to be short-circuited. Only use the batteries recommended or equivalent types.

If in regular use the charger must be examined for damage to the cord, plug, covers and all other parts. If any signs of damage are found the charger may only be used again after repair work has been completed.

**Requirement for FCC Part 15**

**Warning:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**Contents of package**

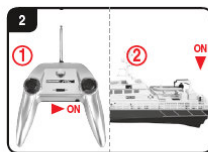

1x Patrol Boat Falshört  
 1x Aerial mast  
 1x Controller  
 1x Lanyard

1x Microphone  
 1x Battery Charger  
 1x Rechargeable Battery  
 1x 9 V Block Battery (non-rechargeable)

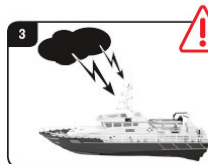


**Safety instructions**

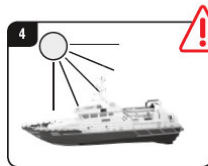

A Carrera RC boat is a remote-controlled model boat that uses special rechargeable batteries for this purpose. Only original Carrera RC Li-Ion rechargeable batteries may be used.



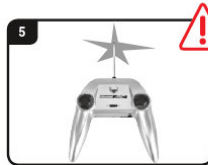
**When starting, always switch the controller on first, then the boat. When finishing, always reverse the order of these actions!**



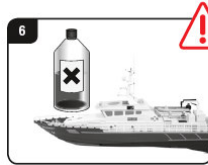
Do not run your boat during a thunderstorm! Atmospheric interference can lead to malfunctions.



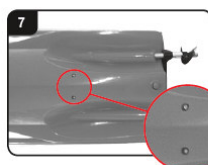
Do not expose the Carrera RC boat to direct sunlight. To avoid the electronics in the car overheating, when temperatures are above 35 °C regular short pauses in operation are essential.



Handle the tip of the antenna with care. Danger of injury!



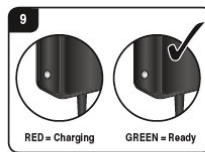
Never use strong solvents for cleaning your model.



Please clean the water sensor contacts regularly with tap water and a little vinegar-based cleaner.



After each running session, open the two drainage plugs at the bow and stern and pour away any condensation which may have accumulated. Only replace the plugs in these openings immediately before you use the boat for another running session.



To avoid malfunctions to the control system resulting in uncontrolled operation of the Carrera RC boat, check that the controller batteries and the rechargeable batteries in the boat have sufficient charge.



The Carrera RC boat must be inspected before and after operation, each time it is used, to ensure that it has not become disassembled. Any screws or nuts that may have become loosened during operation must be tightened.

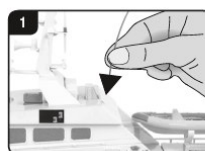


**Safety propeller**  
The propeller switches off on being taken out of the water.

Please note particularly that the propellers have no function out of the water. **The boat cannot be operated on the ground.**



The toy is to be operated in water only when fully assembled. Please ensure your remote control batteries have the required capacity and make sure the Li-Ion power pack is fully charged.

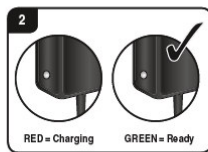
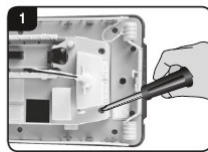
**Mounting the antenna**


Feed the antenna cable through the antenna tube and then fix this to the Carrera RC-model. Secure the end of the antenna cable with a Carrera RC sticker from the logo sheet.

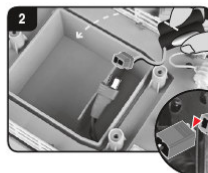
**Charging the rechargeable battery**


First connect the Carrera RC rechargeable battery to the battery charger supplied. The connection terminals between the battery and the charger are designed to prevent connection with the wrong polarity. Connect the charger to a power source. When the battery is properly connected and charging normally, the red LED is constantly lit. Once the battery is fully charged, the red LED switches to green. The battery can now be disconnected and installed in the Carrera RC boat.

The boat is now ready for use. After use, the battery must be allowed to cool down for at least 20 minutes before it can be fully recharged. Failure to observe this pause may damage the battery.


**Installing the rechargeable battery**


Using a screwdriver, remove the cover of the battery compartment in the Carrera RC boat.



Connect the end of the cable from the Carrera RC boat with the charged battery. Put the battery in place. Replace the compartment cover using a screwdriver.

**Inserting the 9V block battery**


Unscrew the cover of the battery compartment in the controller and insert the 9 V block battery.

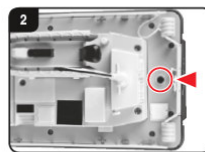


When inserting the 9 V block battery, ensure that the polarity is correct. Replace the cover using a screwdriver.

**Now you can drive the boat**


Pull out the antenna of the controller to its full extent.

Switch on the Carrera RC-controller at the ON/OFF switch.



Switch on the Carrera RC boat using the ON/OFF switch.

**Let's practise!**


**Caution: this boat can reach speeds up to 20 km/h.**

When first starting, be very careful when operating the gas pedal. Practice running slowly for at least two to three full charges of the battery before you start practising faster manoeuvres.

**Note:** when the controller remains unused for more than 2 minutes, it switches automatically into "sleep" mode to avoid wasting power in the controller's 9 V battery. This means the boat receives no more radio signals and behaves as described under point 5 on page 11 "Range control".

- Bring the boat back to the bank after about 20 minutes to change the battery
- Never run more than 2 batteries down one after the other. After running down two fully-charged batteries, a pause in running for at least 20 minutes is essential.
- Avoid constant motor operation.
- If the model switches itself off several times in quick succession, the battery is dead. Please recharge the battery.
- To switch off after use, follow the steps in the reverse order.
- After use, remove or disconnect the battery.
- Clean the Carrera RC boat after the running session.




**Controller functions**

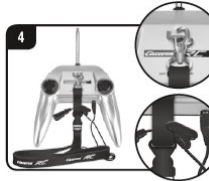

You can steer the model in any direction using the joysticks:  
**Joystick on left:** forwards/backwards  
**Joystick on right:** left/right  
 The joysticks are removable.



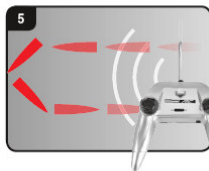
Alternatively, the model can be controlled with the rockers.



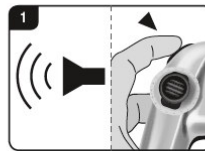
The joysticks can be stored in the special compartment at the back of the controller.



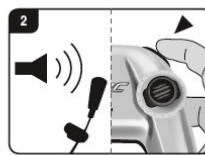
The joysticks can be stored in the special compartment at the back of the controller.  
 Then plug the microphone in to the controller and fasten it to the carrying strap with the clip.



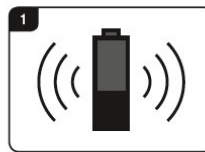
**Range control**  
 When it goes beyond the range of the radio frequency, or the controller is not touched for over 2 minutes, the boat sails in small but ever-increasing circles to try to regain the radio frequency range. Make sure you operate the controller once if necessary to deactivate the "sleep" mode. See page 10 "Let's practise".

**Boat's horn / Loudspeaker**


The boat's horn is sounded when you press the left-hand button on the controller.



You can make an announcement over the boat's loudspeaker by pressing the right-hand button on the controller while speaking into the microphone.


**Acoustic battery condition monitoring**


When the boat's battery is almost empty, a continuous signal note is emitted. Please steer immediately to the bank, and change the battery.

**Troubleshooting**

Problem	Cause	Solution
Boat does not move	Either the switch on the controller or the boat is set to OFF.	Switch on.
	There is no rechargeable battery in the boat or the battery is too weak.	Insert charged battery.
	Signal note is emitted - weak battery in the controller or in the model.	Insert new battery or recharged battery.
	The contacts of the water sensor are dirty.	Please clean the water sensor contacts regularly with tap water and a little vinegar-based cleaner.
	The boat is very warm.	Allow the RC boat to cool down for about 30 minutes.
Boat cannot be controlled	Transmitter antenna is defective.	Extend the antenna fully.
	Another RC boat is using the same frequency.	Wait until the captain of the other ship has finished running.

Should you need spare parts, you will find a complete list of the available parts under [carrera-rc.com](http://carrera-rc.com) in the service area.