

1.6 User Manual



The image shows the cover of a Carrera RC Racing Machine instruction manual. The cover is black with a checkered flag graphic in the top left corner. The Carrera logo is in a red box at the top right, followed by 'RC' in a stylized font. The title 'Racing Machine' is written vertically in large, white, outlined letters on the left side. Below the title, there are three model numbers: #120007, #120008, #120009, and #120011, followed by 'Made in China, Huizhou.' A list of languages is provided in the center, each with a small circular icon containing the language code. At the bottom right, the 'RC Power' logo and the website 'carrera-rc.com' are displayed.

#120007
#120008
#120009
#120011
Made in China, Huizhou.

Racing Machine

Carrera **RC**

- 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*
- SLO** *Navodila za montažo in uporabo*
- CZ** *Návod k montáži a obsluze*
- BUL** *Инструкция за монтаж и експлоатация*

RC Power
carrera-rc.com

Montage- und Betriebsanleitung	4	D
<i>Technische und designbedingte Änderungen vorbehalten</i>		
Assembly and operating instructions	8	GB USA
<i>Subject to technical or design-related modification</i>		
Instructions de montage et d'utilisation	12	F
<i>Sous réserve de modifications techniques et des véhicules</i>		
Instrucciones de montaje y de servicio	16	E
<i>Reservado el derecho a modificaciones técnicas o debidas al diseño</i>		
Istruzioni per il montaggio e l'uso	20	I
<i>Con riserva di modifiche tecniche e dovute al design</i>		
Montage- en gebruiksaanwijzing	24	NL
<i>Technische en door het design bepaalde wijzigingen voorbehouden</i>		
Instruções de montagem e modo de utilização	28	P
<i>Sujeito a alterações de design e técnicas</i>		
Monterings- och bruksanvisning	32	S
<i>Tekniska och designrelaterade ändringar förbehållna</i>		
Asennus- ja käyttöohje	36	FIN
<i>Oikeudet teknisiin ja muotoilumuutosten aiheuttamiin muutoksiin pidätetään</i>		
Instrukcja montażu i obsługi	40	PL
<i>Zastrzega się prawo do zmian technicznych oraz uwarunkowanych wzornictwem</i>		
Szerelési és használati utasítás	44	H
<i>A műszaki és formatervezésből eredő módosítások joga fenntartva</i>		
Navodila za montažo in uporabo	48	SLO
<i>Tehnično in oblikovno pogojene spremembe pridržane</i>		
Návod k montáži a obsluze	52	CZ
<i>Technické a designem podmíněné změny vyhrazeny</i>		
Инструкция за монтаж и експлоатация	56	BUL
<i>Запазва се правото за технически и дизайнерски промени</i>		

Dear customer

Congratulations on purchasing a Carrera RC model car, 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 Ges. m. b. H. 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 Ges. m. b. H. 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.

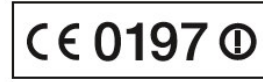
Guarantee cards cannot be replaced.

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 Ges. m. b. H. hereby declares that this model including the controller conforms with the fundamental requirements of the following EC directives: 88/378/EEC and 2004/108/EC regarding electromagnetic compatibility and the other relevant provisions of Directive 1999/5/EC (R&TTE).

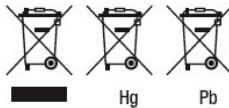
The original declaration of conformity can be requested from www.carrera-rc.com.



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 Racing Machine
1x Controller

1x Battery Charger
1x Rechargeable Battery
1x 4 AAA batteries (non-rechargeable)

Safety instructions



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



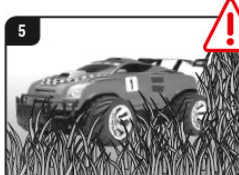
When starting, always switch the controller on first, then the model. When finishing, always reverse the order of these actions!



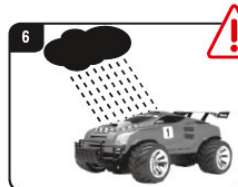
The Carrera RC vehicle is designed for hobby use only and may only be operated on tracks and in spaces especially intended for this purpose. **CAUTION!** Do not use the Carrera RC vehicle in road traffic.



Do not operate the car beneath overhead high-voltage cables or broadcasting masts or during a storm! Atmospheric disturbances can affect the operation of the vehicle.



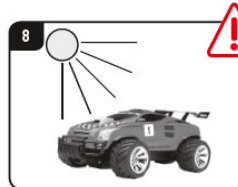
Never operate the product on grass surfaces. There is the risk of grass hindering the movement of the axles, which can lead to the motor overheating. Do not use the Carrera RC vehicle for transporting goods, persons or animals.



Never use the Carrera RC vehicle outdoors during rain or snowfall.



Never operate the vehicle near rivers, ponds or lakes, to avoid the risk of the Carrera RC car falling into the water.



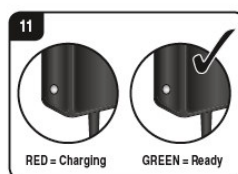
Do not expose the Carrera RC vehicle to direct sunlight.



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



Never use strong solvents for cleaning the car.



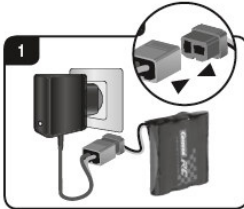
To avoid malfunctions to the control system resulting in uncontrolled operation of the Carrera RC vehicle, check that the controller batteries and the rechargeable batteries in the vehicle have sufficient charge.



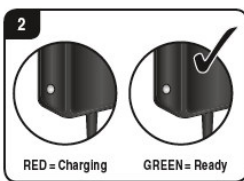
The Carrera RC vehicle must be inspected before and after operation, each time it is used, to ensure that it has not become disassembled. Any screws or nuts that may have become loosened during operation must be tightened.



Charging the rechargeable battery

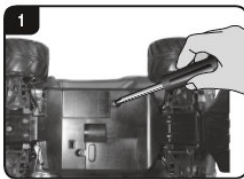


First connect the Carrera RC rechargeable battery to the battery charger supplied. The connection terminals between the battery and the charger are designed to prevent connection with the wrong polarity. Connect the charger to a power source.

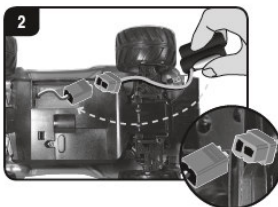


When the battery is properly connected and charging normally, the red LED is constantly lit. Once the battery is fully charged, the red LED switches to green. The battery can now be disconnected and installed in the Carrera RC car. The car is now ready for use.

Installing the rechargeable battery



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



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

Fitting in the batteries

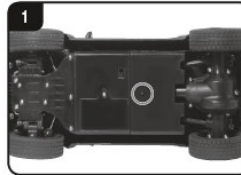


Press the release button, then take the battery compartment out of the controller.

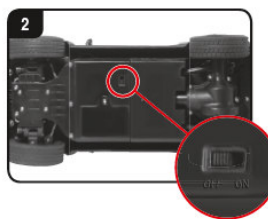


Take care when inserting the batteries that the polarity is correct. Push the battery compartment back into the controller until it clicks into place.

Now you can drive the car

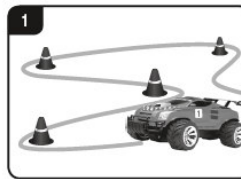


The Carrera RC vehicle and the controller are connected with each other at the factory. Should there be any communication problems at the start between the Carrera RC vehicle and the controller, please carry out a reconnection. The reconnection is carried out by pressing the connection button on the underside of the RC vehicle chassis. The connection button must remain pressed for at least three seconds. Please note that the controller must be switched on when reconnection is made.



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

Let's practise!



Now it's time to practise! Set up a Carrera RC vehicle racing track in a large empty area, using cornerposts, empty cans, or similar objects. The basic technique to adopt when operating a Carrera RC is to drive fast on the straight sections and to slow down in the curves.

- Avoid constant motor operation.
- After use, remove or disconnect the battery.
- Clean the Carrera RC car after use.

Controller functions



When the controller is switched on, the red LED lamps at the front of the controller are lit.



Steering digital proportional
Gas pedal to the rear: forwards
Gas pedal to the front: braking, or backwards



The 2.4 GHz controller is suitable for left- or right-handers and can be adjusted as necessary by unscrewing and refixing the steering unit accordingly.



Function can be changed by remounting the steering unit
To remount, unscrew the three screws on the inside of the steering unit and screw them to the opposite side. Remove the cover plate from the other side and mount the steering wheel to the opposite side. Insert and tighten the three inner screws again. Finished!



Light on/off
Press the upper button on the controls to switch the light on and off.
On / off-road mode
Press the middle button on the control unit to activate the On/Offroad modes. Can also be operated while the car is in motion.



TH-TRIMM
Fine speed regulation
Here you can adjust the braking effect on your vehicle.



TRIMM-steering
Fine steering adjustment
If the vehicle does not run in a straight line, you can make fine steering adjustments here.

Display functions



Stopwatch function
When the controls are switched 'on' - the stopwatch appears. The stopwatch can be started and stopped by pressing the small wheel on the display. Pressing the disc for a prolonged period resets the stopwatch to zero.



Stopwatch and LAP counter function
Please note:
The control unit in the LCD screen features a LAP counter showing the pre-programmed starting time. Currently these functions are not in use and are intended for future developments.



Display of the controller battery status on the controller display.



TH-TRIMM
Fine speed regulation
Here you can adjust the braking effect on your vehicle.



TRIMM-steering
Fine steering adjustment
If the vehicle does not run in a straight line, you can make fine steering adjustments here.

SP (TH trim) and AL (steering trim) are achieved by repeatedly pressing the small wheel.



Troubleshooting

Problem	Cause	Solution
Car does not move	Either the switch on the controller or the car is set to OFF.	Switch on.
	There is no rechargeable battery in the car or the battery is too weak.	Insert charged battery.
	The overheat protection has caused the car's motor to cut out due to excess temperature.	Switch off the receiver. Leave the RC car to cool down for approx. 30 minutes.
	The battery or rechargeable battery in the transmitter or model is too weak.	Insert new battery or recharged battery.
Car cannot be controlled	Vehicle starts moving unintentionally.	First turn on the transmitter, only then the vehicle.

Errors and changes excepted
Colours / final design - changes excepted
Technical changes and design-related changes excepted
Pictograms = symbolic photos