



Carrera®

RC

GB USA Assembly and operating instructions

GR Οδηγίες συναρμολόγησης και λειτουργίας

RC 安装和使用说明

ROK 조립과 작동 방법

370503024 Carrera RC
Nintendo Mini Mario-Copter

RC Power
carrera-rc.com

Made in China
Fabriqué en Chine

Digital version



USA Dear customer

Congratulation! You bought a Carrera RC Quadrocopter which has been manufactured according to today's state-of-the-art 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.

For the latest version of these operating instructions and information on replacement and spare parts available, please visit carrera-rc.com in the service area.

WARNING! Before you first fly the model, find out whether there is a legal requirement to insure model aeroplanes such as this in your country.

Guarantee conditions

Carrera products are technically advanced products (NO TOYS) which should be handled with care. It is important to follow the directions given in the operating instructions. All components have been subjected to factory 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:

In accordance with the following provisions, Carrera Toys GmbH (hereinafter referred to as "manufacturer") warrants to the endconsumer (hereinafter referred to as "customer") that the Carrera RC-model-Quadrocopter (hereinafter referred to as "product") delivered to the customer shall be free from defects in material or workmanship for two years from the date of purchase (guarantee period). Such defects will, at the manufacturer's option, either be repaired by the manufacturer or fixed by delivering new or refurbished parts free of charge. The warranty does not cover failure due to normal wear and tear, (e.g. to batteries, rotor blades, cabin covering, gear wheels etc.), or damage as a result of improper handling/misuse or unauthorised interference. Any other customer's claims asserted against the manufacturer, especially action for damages, shall be excluded. The contractual and statutory rights of the customer against the seller (supplementary performance, rescission of the contract, abatement, compensation) which exist with the product not having been free from defects at the time of the passing of risk, shall remain unaffected by this warranty.

Claims from this special warranty shall only be valid if:

- the defect reported has not arisen by damage caused by unintended use or misuse as specified in the instruction manual,
- the failure of the product is not due to normal wear and tear
- the product does not show any signs resulting from repairs or other interferences carried out by workshops not having been authorised by the manufacturer,
- the product has only been operated with accessories authorised by the manufacturer.

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.

Notes for AUSTRALIA: Our goods come with guarantees that cannot be excluded under the ACL. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if goods fail to be of acceptable quality and the failure does not amount to a major failure.

Declaration of conformity

Carrera Toys GmbH hereby declares that this model including the controller conforms with the fundamental requirements of the following EC directives: EC Directives 2009/48 and the other relevant regulations Directive 2014/53/EU (RED).

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



Maximum radio-frequency power transmitted <10 dBm - Frequency range: 2400 - 2483.5 MHz

Warning!

WARNING! This toy contains small parts which can be swallowed and is therefore not suitable for children under 3 years of age.
WARNING! Danger of pinching during operation! Remove all packaging materials and wire fastenings before handing the toy over to the child. For information and to answer any questions, please retain packaging, address and instructions in a safe place for future reference. Keep the instructions for use for later reference. Note for adult supervisors: Check if the toy is assembled as instructed. The assembly shall be performed under the supervision of an adult.

WARNING! Not suitable for children under 8 years old!

This product is not intended for use by children without supervision of a parent. Flying the helicopter requires skill and children must be trained under the direct supervision of an adult. **Before first use: Read the user's information together with your child.** Inappropriate use may result in severe injuries and/or damage to property. It has to be operated with care and caution and requires both mechanical and mental skills. The operating instructions contain notes on safety and technical regulations as well as information on maintaining and operating the product. It is indispensable to read these instructions thoroughly before the first use. Only this helps to avoid accidents with injuries and damage. Hands, hair and loose clothing, including other objects such as pens and screwdrivers must be kept away from the propeller (rotor). Do not touch the rotating rotor. Especially take care that your hands DO NOT get close to the rotor blades!

CAUTION: Risk of eye injuries. Do not fly your face to avoid injuries. For safe use, the room where the toy is used must be sufficiently large. Start and fly only when the area is appropriate for the intended use (free area, no obstacles) and only within direct visual contact. As user of this product you are solely responsible for handling it safely in order to ensure that neither you nor other persons or their property suffer damages or are endangered.

- Never use your model with weak remote control batteries.
- Avoid busy areas. Always make sure that there is enough space.
- Preferably do not use your model on an open street or in public areas in order not to endanger or hurt anyone.
- **CAUTION: Do not start up and fly when persons, animals or any obstructions are within the flying range of the Quadrocopter.**
- Start and fly it strictly forbidden near high voltage poles, railway tracks, roads, swimming pools or open water.
- Only operate under good visibility and calm weather conditions.
- Exactly observe the instructions and warnings for this product and for any possible additional equipment

(battery charger, rechargeable batteries etc.) being used by you.

- **Should the Quadrocopter come into contact with any living thing or solid object, immediately return the gas control to zero, in other words the left-hand joystick must be at the stop at the bottom of the slide!**
- Avoid any moisture as this might do damage to the electronics.
- There is a risk to suffer severe injury or even death if you put parts of your model into your mouth or lick them.
- Do not change or modify anything on the Quadrocopter.

If you do not agree to these terms please immediately return the complete Quadrocopter model in new and unused condition to the retailer.

Important information concerning Lithium Polymer rechargeable batteries

Lithium-Polymer (LiPo) rechargeable batteries are significantly more sensitive than traditional alkali- or NiMH-rechargeable batteries normally used with radio control units. Therefore the instructions and warnings have to be observed in detail. In case of improper use of LiPo rechargeable batteries there is a danger of fire. Always follow the manufacturers' instructions if you dispose of LiPo rechargeable batteries.

Regulations on disposal for waste electrical and electronic equipment (WEEE)

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 recharge non-rechargeable batteries due to risk of explosion. Batteries are to be inserted with the correct polarity.

WARNING! Rechargeable batteries are only to be charged by adults. 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. **WARNING: For the purposes of recharging the battery, only use the detachable supply unit provided with this toy.**

Battery chargers used with the toy are to be regularly examined for damage to the cord, plug, enclosure and other parts, and in the event of such damage, they must not be used until the damage has been repaired. The toy is only to be connected to Class II equipment bearing the following symbol: or

FCC statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This product 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 product 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 the product does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, and 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 product and receiver.
- Connect the product 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.

IC statement

The device contains license-exempt transmitter(s)/ receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

1. The device must not cause interference;
2. The device must accept any interference, including interference that may cause undesired operation of the device.

Guidelines and warnings for the use of LiPo rechargeable batteries

- You have to charge the attached 3.7 V === 430 mAh / 1.59 Wh LiPo rechargeable battery in a safe place and at a distance from flammable material.
- Never leave the battery unattended while it is charging
- After a flight, the rechargeable battery has to cool down to the ambient air temperature before charging it.
- You must always use the corresponding LiPo charging unit (USB cable / remote control). In case of non-compliance with these directions there is a danger of fire resulting in a health risk and/or damage to property. NEVER use any other battery charger.
- Should the rechargeable battery swell or deform while discharging or recharging, you have to immediately stop charging or discharging the battery. Take the battery out as quickly and carefully as possible and place it in a safe and open area outside any flammable material and watch it for at least 15 minutes. In case you continue charging or discharging a battery which has already started to swell or deform there is a danger of fire! Even in case of slight deforming or ballooning the rechargeable battery has to be taken out of operation.
- Store the rechargeable battery at ambient temperature in a dry place.
- **Always recharge the battery after use to prevent its becoming deep discharged. After use, the battery must be allowed to cool down for at least 20 minutes before it can be fully recharged. Recharge the battery occasionally (suggested every 2-3 months). Supply terminals are not to be short-circuited. Failure to treat the battery as described above can lead to its becoming defective. Never leave the battery unattended while it is being charged.**
- When transporting or temporarily storing the rechargeable battery the temperature should be between 5-50°C. If possible, do not store the battery or the model in a car and do not expose it to direct sunlight. In case the battery is broiled it can be damaged or catch fire.

Note: If the battery voltage/output is low you will recognise that a considerable trim and/or controlling is necessary to avoid that the Quadrocopter starts trundling. This usually occurs before reaching a battery voltage of 3 V and it is a good moment to end the flight.

Instruction Manual**Contents of package**

- 1x Quadrocopter
- 1x Controller
- 1x USB charging cable
- 1x Rechargeable Battery
- 2x 1.5 V Mignon AA batteries (non-rechargeable)

Recharging the LiPo rechargeable battery

2

Rechargeable batteries are to be removed from the toy before being charged. Make sure you only charge the LiPo rechargeable battery supplied with the LiPo charging unit also supplied (USB cable and remote control). In case you try to charge the rechargeable battery with a different LiPo battery charger or any other battery charger, this might cause serious damages. Please carefully read the previous chapter about warnings and guidelines on the usage of rechargeable batteries before proceeding. You can charge the rechargeable battery fitted in the Quadrocopter with its USB charging cable from a USB port on a computer:

25 Charging via computer:**• rechargeable batteries are to be removed from the model before being charged.**

- Connect the USB charging cable with the USB port of a computer. The LED on the USB charging cable lights green indicating that the charger unit is correctly connected to the computer. If you plug in a Quadrocopter with a discharged battery, the LED on the USB charging cable no longer lights up, showing that the Quadrocopter battery is being charged. The USB charging cable and the charging socket on the Quadrocopter are designed to make incorrect connection impossible.
- It takes about 60 minutes to recharge a discharged battery (but NOT a deep-discharged one). When the battery is fully charged, the LED display on the USB charger cable lights up green again.

Note: when supplied, the lipo-battery is already partially charged. So the first charging cycle may well take less time.

It is essential to follow the connection sequence given above!

Undo the plugged connection on the Quadrocopter when you are not using the Quadrocopter. Failure to observe this precaution may cause battery damage!

26 Insertion of the rechargeable batteries into the Quadrocopter

- Open the cover of the battery compartment with the aid of a screwdriver. Insert the battery. Close the battery compartment.
- If the LED on the Quadrocopter flashes slowly, you must change the battery.

Inserting the batteries in the remote control

3 Open the battery compartment with a screwdriver and insert the batteries in the remote control. Please keep in mind the correct polarity. Different types of batteries or new and used batteries are not to be mixed. After having closed the compartment you can check all functions of the remote control with the help of the power-switch on the front. With the power switch turned ON and functioning correctly, the top centre LED on the remote control will light up red. If the LED control flashes slowly and an acoustic signal is heard, the batteries in the controller must be changed.

Frequency bind between model and remote control

4 The Carrera RC Quadrocopter and the controller automatically link up renewed with every operational start-up. If initially there are any problems with communication between the Carrera RC Quadrocopter and the remote control, please carry out a new frequency bind.

- Connect the battery in the model.
- Switch the model ON at the ON/OFF switch.
- **WARNING! Immediately after switching it on, place the Quadrocopter on a flat and level surface. The gyro-system will then set itself automatically.**
- The LEDs on the quadrocopter now flash rhythmically.
- Switch on the controller at the power switch.
- Slide the left joystick, thus the gas lever, completely up and down again into the zero position.
- The binding has now been successfully established.
- The LED on the controller now lights continuously.
- After approx. 5/10 minutes, the controller switches off. Please repeat the link procedure for renewed use.

Description of the Quadrocopter

- 5 1. Rotor system
- 6 2. Rotor protection cage
- 6 3. Battery cable
- 6 4. Quadrocopter connecting plug
- 6 5. Battery compartment
- 6 6. ON-OFF switch

Range of functions of the remote control

- 7 1. Power (ON / OFF)
- 7 2. Control LED
- 7 3. Gas
- 7 4. Circling
- 7 5. Forwards / backwards right / left banking
- 7 6. Trimmer for right / left banking
- 7 7. Trimmer for rotation
- 7 8. Looping Button
- 7 9. Start rotor button
- 7 10. 'Auto-landing' button
- 7 11. 'Auto-start & fly to 1 m' button
- 7 12. Beginner/Advanced switch (30%/60%/100%)
- 7 13. Battery compartment

Choosing the flight area

8 When being prepared for the first flight you should choose a closed room which is as large as possible without any persons or obstacles. Due to its size and controllability, experienced pilots may be able to fly the Quadrocopter in relatively small rooms. For your first flights we strongly recommend you choose a room with a minimum floor space of 5 x 5 metres and 2.40 metres in height. After having trimmed your Quadrocopter for flight and made yourself familiar with the controller and its functions you may start flying in smaller and less open environments.

To be used in domestic area (house and garden) only. There must be no persons or objects such as pillars between the controller and the Quadrocopter to obstruct direct connection.

Checklist for flight preparation

This checklist is not a substitute for the contents of the operating instructions. Although it can be used as a quick-start-guide, we strongly recommend you first to read the operating instructions in detail before you proceed.

- Check the contents of the package.
- Connect the charging unit to the source of power.
- Charge the lipo-battery as described in the section "Recharging the LiPo rechargeable battery".

• Fit 2 AA batteries in the controller, making sure their polarity is correct.

• Look for a suitable environment for flying.

• Slide the battery into the battery bay on the bottom of the Quadrocopter. **25**

• Connect the battery in the model.

• Switch the model ON at the ON/OFF switch.

• **WARNING! Immediately after switching it on, place the Quadrocopter on a flat and level surface. The gyro-system will then set itself automatically.**

• The LEDs on the quadrocopter flash.

• Switch on the controller at the ON/OFF switch. **Be sure to check the Beginner-Advanced switch (13).**

Push the left-hand joystick, i.e. the throttle lever, right to the top, then fully downwards into the zero position.

Allow the Quadrocopter a few moments until the system is correctly initialised and is ready for operation.

The LED in the Quadrocopter now lights continuously. The LED on the controller now lights continuously.

Repeat the above points as required, if you wish to fly more Quadrocopters at the same time.

Important note! Please perform the auto-trimming (17) before each flight without fail!

• Check the control system.

• Make yourself familiar with the control system.

• Trim the Quadrocopter as necessary as described under **17 18 19 20**, so that when hovering it no longer moves from the spot without a command from the controller.

The Quadrocopter is now ready to be flown.

• If the Quadrocopter displays no functions, retry the above binding procedure.

• Fly the model.

• Land the model.

• Switch the model off at the ON/OFF switch.

• Disconnect the battery plug connection.

• Always switch off the remote control last.

Flying the 4-channel Quadrocopter

NOTE! Take care particularly in the first few flights to move the lever on the controller very gently and not over-hurriedly. As a rule, only very small movements of the respective levers are necessary to carry out the desired control commands!

If you notice that the Quadrocopter moves forwards or to the side without your touching the respective lever, please adjust the trim of the Quadrocopter as described in **17 18 19 20**.

9 +/- GAS (up / down)

To start or to fly higher, push the gas lever on the left cautiously forwards. To land or fly lower, push the gas lever on the left cautiously backwards.

10 To make the Quadrocopter circle to the left or the right, push the lever on the left or right, respectively.

11 To fly the Quadrocopter to the left or the right, push the lever on the right cautiously to the left or the right.

12 To fly the Quadrocopter forwards or backwards, push the lever on the right cautiously forwards or backwards.

Start the rotors and motors

13a Press the "Start rotors" button on the controller, in order to start the motors. You can lift the throttle control upwards as soon as the rotors are running.

Looping function

WARNING! ONLY FOR EXPERIENCED PILOTS!

13b If you press the "Looping Button", then an acoustic signal sounds 5x times. As long as the acoustic signal sounds, slide the right-hand joystick up, down, to the right or to the left. The Quadrocopter then carries out the loop or roll in the respective direction. Before you do this, make sure you have ample room on all sides (about 2.5 m - 8').

Beginner/Advanced switch

13c 30% = beginner mode

Signal sounds once on switching over.

60% = medium mode

The quadrocopter reacts more sensitively than in 30 % mode. Signal sounds twice on switching over.

100% = Advanced Modus > 3D Modus

The Quadrocopter reacts very sensitively to joystick movements. Signal sounds three times on switching over.

Automatic control of altitude

14 The Quadrocopter will maintain the current flying altitude automatically as soon as you release the left-hand joystick during the flight.

Auto Landing

15 You can trigger the automatic landing function at any time by means of pressing the 'Auto landing' button. The speed of the rotors will reduce gradually as a result. You are able to influence the landing position at any time during the landing procedure by means of moving the right-hand joystick. The motor will switch itself off as soon as the Quadrocopter is on the ground.

Auto-Start & Fly to 1 m

16 Press the 'Auto-start & fly to 1 m' button on the controller, in order to start the motors and automatically fly up to the altitude of about 1 m. You are able to influence the direction of flight at any time during the starting operation by means of moving the right-hand joystick. The Quadrocopter will maintain itself in position automatically as soon as the altitude of about 1 m has been reached.

Trimming the Quadrocopter

17 Place the Quadrocopter on a horizontal surface.

2. Link the Quadrocopter with the controller as described in "Linking the model with the controller".

3. Slide the gas lever and the lever for forward / back simultaneously into the right lower corner.

The LED on the Quadrocopter flashes on briefly and then lights up continuously. The signalling tone will sound once.

4. The neutral setting is completed.

18 When hovering, if the Quadrocopter flies to the left or right without you moving the lever for left / right movement, please proceed as follows: If the Quadrocopter moves on its own fast or slow sideways to the left, press the lower right trimmer for right / left tilt in steps to the left. If the Quadrocopter moves right, press the trimmer for right / left tilt in steps to the left.

19 When hovering, if the Quadrocopter flies forwards or backwards without you moving the lever for forward / backwards movement, please proceed as follows: If the Quadrocopter moves on its own fast

Μόνο για οικιακή χρήση (Οικία και κήπος). Ανάμεσα στο Controller και το Quadrocopter δεν πρέπει να παρεμβλατίσουν κανένας ή άλλα ατόμα.

Λίστα ελέγχου για την προετοιμασία πτήσης

Η λίστα ελέγχου για την προετοιμασία πτήσης δίνει υποκείμενα για οδηγίες χρήσης. Αν και μπορεί να χρησιμοποιηθεί σαν Quick-Start-Guide δια παντός καταρρεύσας που διαβάσθετε προσεκτικά αυτές τις οδηγίες λεπτουργίας προ του συνέχειας.

- Ελέγχετε το περιεχόμενο της αυσκευασίας.
- Φορητή την μπαταρία LiPo όπως περιγράφεται στο κεφάλαιο „Φόρηση της μπαταρίας LiPo“.
- Τοποθετήστε τα άλλα ΜΑΤΑΡΙΑΣ στο χειριστήριο και προσέξτε την οπτική πολικότητα.
- Επιλέγετε έναν κατάλληλο χώρο για την πτήση.
- Τοποθετήστε την επαγγελματική μπαταρία, όπως περιγράφεται στο **2b**, στη θήκη της μπαταρίας στην κάτια πλευρά του Quadrocopter.
- Συνδέστε την επαναφορτιζόμενη μπαταρία στο μοντέλο.
- Ενεργοποιήστε το μοντέλο με τον διακόπτη ON/OFF.
- **ΠΡΟΕΙΔΟΠΟΙΗΣΗ! Τοποθετήστε το Quadrocopter αμέσως μετά την ενεργοποίηση του σε μια επιπλέον ορίζοντα επιφάνεια. Με αυτόν τον τρόπο ρυθμίζεται αυτόματα το σύστημα Gyro.**
- Οι LED στο Quadrocopter αναβοσφύνουν.
- Ενεργοποιήστε το χειριστήριο (Controller) με τον διακόπτη ON/OFF. Ελέγχετε απαραίτητας τον διακόπτη για αρχάριους-προχωρημένους (**1c**). Μετακίνηστε το αριστερό Joystick, δηλ. τον μοχλό γκαζού, συντολεύτε την πάνω και πάλι προς τα κάτω στη θέση ήδην.
- Περιμένετε λίγο ώστε ότου το σύστημα του Quadrocopter αρχικοποιείται οπωτά και τεθεί σε λειτουργία. Ο LED στο ελάκτηρο αναβοσφύνουν τόρα συνεχώς. Η LED στο Controller (χειριστήριο) αναβίνει τόρα διαρκώς.
- Επανολάβετε ενδεχομένως τα βήματα αυτά αν θέλετε να πετάξετε παράλληλα και άλλα Quadrocopter.
- **ΥΠΟΔΕΙΧΗ! Πραγματοποιήστε πριν από κάθε πτήση απαραίτητης την αυτόματη ισοστάθμιση **17**.**
- Ελέγχετε το σύστημα ελέγχου.
- Εξοικουσέτε με το σύστημα ελέγχου.
- **Το Quadrocopter πρέπει να μοδιστεί και αντισταθμιστεί έτσι ώστε περιγράφεται στο **17 18 19 20** ώστε να μην μπορεί να μετακινείται από τη θέση του όταν αιωρείται στον αέρα με το χειριστήριο στο ρελάντι.**
- Επανολάβετε με πάνω λόγων έπομπη προς χρήση.
- Εφόσον το Quadrocopter δεν διέγει κάποια λειτουργία προσπαθήστε να ανανεψείτε ζανά.
- Πετάξτε με τον μοντέλο.
- Προσεγγίστε το μοντέλο.
- Απενεργοποιήστε το ελάκτηρο.
- **Διακόπτη την κομψιτή σύνδεση της επαναφορτιζόμενης μπαταρίας.**
- Απενεργοποιήστε πάντα τελευταίο την τηλεχειρισμού.

Πτήση του Quadrocopter 4 καναλιών

ΥΠΟΔΕΙΧΗ!
Προετοίμαστε κατά τις πρώτες δοκιμαστικές πτήσεις να μετακινείτε τους μοχλούς στο Controller με προσοχή και όχι πάνω βιαιότατα. Αρκούν συνήθως πολύ μικρές κινήσεις στον μοχλό για να εκτελέσετε μία συγκεκριμένη εντολή!

Αν παραπρήστε ότι το Quadrocopter κινείται προς τα εμπρός ή προς τα πλάγια χωρίς να γερίζετε τον ανόλαυο μοχλό, αντισταθμίστε τη θέση του Quadrocopter όπως περιγράφεται στο **17 18 19 20**.

9. για κάθιλ (πάνω/κάτω)

Για την απογεύηση ή για αύξηση του ύψους πτήσης σύρετε προσεκτικά το αριστερό μοχλό γκαζού προς τα μεριά. Για την προσεγγίση ή για μείωση του ύψους πτήσης σύρετε προσεκτικά τον αριστερό μοχλό γκαζού προς τα πάνω.

10. Για την περιστροφή του Quadrocopter περι τον ίδιο άξονα προς τα αριστερά ή δεξιά μετακινείτε προσεκτικά τον αριστερό μοχλό προς τα αριστερά ή δεξιά.

11. Για την πτήση του Quadrocopter προς τα αριστερά ή δεξιά μετακινείτε προσεκτικά τον δεξιό μοχλό προς τα αριστερά ή δεξιά.

12. Για την πτήση του Quadrocopter προς τα εμπρός ή πίσω μετακινείτε προσεκτικά τον δεξιό μοχλό προς τα εμπρός ή πίσω.

Εκκίνηση πότορες / κινητήρες

13a. Ποτίστε το κουμπί „Start Rotors“ στο χειριστήριο, για την εκκίνηση των κινητήρων. Μόλις εκκίνηστε τους πότορες μπορείτε να το ανιψιώσετε με τον μοχλό του γκαζού.

Λειτουργία Looping

ΠΡΟΕΙΔΟΠΟΙΗΣΗ! ΜΟ

13b. Αν ποτίστε το „Looping Button“ ακούγεται 5x ένα ηγιεινό σήμα. Όσο ακούγεται το ηγιεινό σήμα μετακίνηστε το δεξιό Joystick προς τα πάνω, κάτω, δεξιά ή αριστερά. Το Quadrocopter εκτελεί τότε ένα Looping ή περιστροφή προς τον διαμέρισμα άξονα στην ανάλογη κατεύθυνση. Προσέξτε, ώστε να έχετε αρκετό ελεύθερο χώρο μέσω στο διάδικτο προς όποιες της πλευρές (περ. 2,5 m).

Διακόπτης για αρχάριους/πρωτηριμένους

ΠΡΟΣΟΧΗ! 100% MONO ΓΙΑ ΕΚΠΑΙΔΕΥΜΕΝΟΥΣ ΠΛΑΤΟΥΟΥΣ

13c. Οταν αλλάζετε λειτουργία ακούγεται ένα ηγιεινό σήμα με φόρα.
60% = Λειτουργία για χρήστες μεσαίου επιπέδου.

Το Quadrocopter αντιδρά πιο γρήγορα στις εντολές. Οταν αλλάζετε λειτουργία ακούγεται το ηγιεινό σήμα 2 φορές.

100% = Λειτουργία για πρωτηριμένους > Λειτουργία 3D
Το Quadrocopter αντιδρά μέσω στις εντολές. Οταν αλλάζετε λειτουργία ακούγεται το ηγιεινό σήμα 3 φορές.

Αυτόματος έλεγχος ύψους

14. Μόλις αφήστε τον αριστερό μοχλό γκαζού κατά τη διάρκεια της πτήσης, το Quadrocopter διατηρεί αυτομάτως το ύψος αυτού.

Auto Landing

15. Μπορείτε οποιαδήποτε στηγμή, με πότημα το κουμπί « Auto Landing», να ενεργοποιήστε τη λειτουργία αυτομάτου προσγείωσης. Ταυτόχρονα μειώνεται αργά στους πότορες ο αριθμός στροφών. Κατά την προσγείωση έχετε κάθε σημείο την διανοτάτη να απελεύθερη τη θέση προσγείωσης, μετακινώντας τον δεξιό μοχλό γκαζού. Μόλις το Quadrocopter προσγειωθεί στο έδαφος, οδηγήστε την κινητήρα.

Auto-Start & Fly to 1m

16. Ποτίστε το κουμπί „Auto-Start & Fly to 1m“ στο χειριστήριο, για την εκκίνηση των κινητήρων και την αυτόματη πτήση σε ένα ύψος περ. 1m. Κατά την εκκίνηση έχετε κάθε σημείο τη διανοτάτη να επερχόταις την κατεύθυνση της πτήσης, μετακινώντας τον δεξιό μοχλό γκαζού. Μόλις το Quadrocopter φθάσει στο ύψος περ. 1m, διατηρεί αυτομάτως το ύψος αυτού.

Αντιστάθμιση του Quadrocopter

17. Αυτόματη ισοστάθμιση

1. Τοποθετήστε το Quadrocopter σε μία οριζόντια επιφάνεια.
2. Συνδέστε το Quadrocopter με το Controller όπως περιγράφεται στο «Σύνδεση του μοντέλου με το χειριστήριο».
3. Θέτετε παραλλήλα τον μοχλό του γκαζού και τον μοχλό για Εμπρό/Πίσω προς τη δεξιά κάτω γνάνια. Η LED στο Quadrocopter αναβοσφύνει αυτομάτημα για λίγο και στη συνέχεια ανέβει διαρκώς.
4. Η σύνδεση με την ουδέτερη θέση ολοκληρώθηκε.

18. Όταν το Quadrocopter ακούγεται στον αέρα και χωρίς μετακίνηση του μοχλού κλίσης αριστερά/δεξιά, πετάστε προς το αριστερό ή δεξιά, ακολουθήστε την έδηση διαδικασίας: Αν κινείται το Quadrocopter από μόνο του γρήγορα ή αργά προς τα αριστερά, ποτίστε την κάτια δεξιά αντιστάθμιση για τη δεξιά/αριστερή κλίση σταδιακά προς τα δεξιά. Εάν το Quadrocopter κινείται προς τα δεξιά, ποτίστε την αντιστάθμιση για τη δεξιά/αριστερή κλίση βοηθώστε προς τα αριστερά.

19. Όταν το Quadrocopter ακούγεται στον αέρα και χωρίς μετακίνηση του μοχλού για την προστάσιά που πρέπει να ρυθμίσεται και αντισταθμιστεί έτσι ώστε περιγράφεται στο **17 18 19 20** ώστε να μην μπορεί να μετακινείται από τη θέση του όταν αιωρείται στον αέρα με το χειριστήριο στο ρελάντι.

20. Όταν το Quadrocopter ακούγεται στον αέρα και χωρίς μετακίνηση του μοχλού για την προστάσιά που πρέπει να ρυθμίσεται και αντισταθμιστεί έτσι ώστε περιγράφεται στο **17 18 19 20** ώστε να μην μπορεί να μετακινείται από τη θέση του όταν αιωρείται στον αέρα με το χειριστήριο στο ρελάντι.

21. Εφόσον το Quadrocopter δεν διέγει κάποια λειτουργία προσπαθήστε να ανανεψείτε ζανά.

22. Πετάξτε με τον μοντέλο.

23. Απενεργοποιήστε την πάντα τελευταίο την τηλεχειρισμού.

Αντικατάσταση των πτερυγίων ποτόρων

21. Χρησιμοποιήστε για την αφαίρεση ενός πτερυγίου ρότορα, αν χρειαστεί, ένα λεπτό λειδικόν.

Προσέξτε, ώστε κατά την αφαίρεση να τρέψετε το πτερύγιο του ρότορα προσεκτικά, κατακόρυφα προς τα πάνω κρατώντας σταθερά την κινητήρα.

22. ΠΡΟΕΙΔΟΠΟΙΗΣΗ!

Προσέξτε ιδιαίτερα τη σήμανση και το χρώμα, καθώς και τη γνωστή κλίση των πτερυγίων του ρότορα!

Μπροστά: Αριστερά: κόκκινο - Σήμανση „A“
Μπροστά Δεξιά: μαύρο - Σήμανση „B“
Πίσω Δεξιά: μαύρο - Σήμανση „A“
Πίσω Αριστερά: μαύρο - Σήμανση „B“

23. QR-Code για το σύστημα αλλαγής κινητήρα, ανταλλακτικά και άλλες πληροφορίες.

Λύσεις προβλημάτων

Πρόβλημα: Το Controller δεν λειτουργεί.

Αιτία: Ο διακόπτης Power ON/OFF είναι στη θέση „OFF“.

Άποινα: Ρυθμίστε το διακόπτη Power ON/OFF στη θέση „ON“.

Αιτία: Οι μοτορίσεις έχουν ποτοθετηθεί λάθος.

Άποινα: Ελέγχετε, αν έχουν ποτοθετηθεί σωστά οι μπαταρίες.

Αιτία: Οι μπαταρίες έχουν εξαθανείσθαι.

Άποινα: Τοποθετήστε νέες μπαταρίες.

Πρόβλημα: Το Quadrocopter δεν κλίνεται με το χειριστήριο.

Αιτία: Ο διακόπτης Power του χειριστηρίου είναι στη θέση „OFF“.

Άποινα: Τοποθετήστε πάρα το διακόπτη Power στο χειριστήριο στο „ON“.

Αιτία: Το χειριστήριο ισχύει να μην είναι σωστά συνδεδεμένο με τον δέκτη του Quadrocopter.

Άποινα: Δημιουργήστε σύνδεση όπως περιγράφεται στη **17 18 19 20**.

Πρόβλημα: Το Quadrocopter δεν ανημένεται.

Αιτία: Η μπαταρία είναι σχεδόν εκφορτισμένη.

Άποινα: Φορητή την μοχλό γκαζού προς τα πάνω.

Αιτία: Η μπαταρία δεν επαρκεί.

Άποινα: Φορητή την μπαταρία (βλ. κεφάλαιο „Φόρηση της μπαταρίας“).

Πρόβλημα: Το Quadrocopter στρέφεται μόνο περι τον άξονα του ή αναποδογυρίζει κατά την εκκίνηση.

Αιτία: Λάθος τοποθέτηση ή χαλασμένα πτερύγια ρότορα.

Άποινα: Τοποθετήστε αντικατόπτρηση τη πτερύγια ρότορά όπως περιγράφεται στο **21 22 23**.

Με επιφύλαξη για λάθη ή αλλαγές - Χρώματα / τελικό σχέδιο - Με την επιφύλαξη αλλαγών

Με την επιφύλαξη τεχνικών και σχεδιαστικών αλλαγών - Εικονογράμματα = Φωτογραφίες αυσμών

RC 亲爱的顾客

恭喜您购买了以最先进科技生产的Carrera遥控Quadrocopter模型。由于我们总在进一步发展和完善我们的产品，所以我们保留技术修改和配置、材料和设计变更的权利，如果有改变恕不另行通知。您所购买的产品和本手册中的数据和图示有轻微偏差。不属于保修范围。此使用说明和安装说明是产品的一部分。不按照手册中的说明或安全指南使用此产品，将不予保修。请保留说明以作未来的参考。

您可以登录carrera-rc.com进入Service菜单查询使用说明的最新版本和关于替换件的详细信息。

注意！在您第一次飞行时，请确保在贵州是否有模型飞机保险义务的相关法律规定。

保修条例

Carrera产品是卓越技术的结晶，应慎重对待。请务必遵守说明书中的指示，所有部件都经过认真核对（我们保留为进一步改进产品进行技术性的修改和设计变更的权利）。但是，即使出现缺陷，以下保修条件范围内的保修也有保障：

Carrera Toys GmbH (以下简称“制造商”)根据以下规定向最终客户（以下简称“客户”）保证，交付给客户的型号为Carrera RC的直升机（以下简称“产品”）从购买日起的两年内（保修期）没有材料缺陷或加工缺陷。如有缺陷，制造商将根据判断免费更换。维修不包括易损件（如电池、螺旋桨、盒盖、齿轮等），也不包括不当操作（使用引起的损坏或第三方造成的缺陷，对于客户其他索赔，特别是财产索赔，制造商不予受理）。当产品通过风险转移提交给客户时存在有缺陷的情况下，客户对各自的卖方有合约或法定权利（质保，解除该合约，贬值，索赔），保修与此权利不可缺少。

此制造商保修权利只在如下情况下成立：

• 损害并不是由不依照说明书的不正当操作或不当使用所造成。

• 非运作期间。

• 产品没有非制造商指定维修商维修或经手过的痕迹。

• 产品只能用制造商授权的替换件和。

保修卡不可缺少。

欧盟国家注：请注意卖方的保修义务相关规定，卖方的保修义务不受此保修限制。

致性声明

卡拉拉玩具有限公司 (Carrera Toys GmbH) 特此声明，此型号 (包括控制器) 符合以下共体 (EC) 指令的基本要求：欧共体第2009/48号指令和第2014/53/EU (RED) 号指令的其他相关规定。可以在carrera-rc.com索取原版符合性声明。



最大射频功率<10dBm · 频率范围: 2400 ~ 2483.5 MHz

注意！此

내내나 제품 공급시 통봉된 리포 전자는 부분 충전되어 있습니다. 그래서 첫 충전은 약간 짧게 걸릴 수 있습니다.

위에 언급한 점속 순서를 반드시 지키십시오!

쿼드콥터를 사용하지 않는 경우, 쿼드콥터에 있는 플러그 연결을 분리하십시오. 이를 주 의하지 않으면, 축전지 손상을 입을 수 있습니다!

25 쿼드콥터에 전자 장착하기

• 둥봉된 드라이버로 전자함의 뚜껑을 여십시오. 전자를 장착하십시오. 전자함의 뚜껑을 닫으십시오.

• 쿼드콥터의 LED가 천천히 깜박이면, 전자를 교체해야 합니다.

컨트롤러에 전자 장착하기

3 전자함을 드라이버로 열고 컨트롤러에 전자를 장착하십시오. 암극이 제대로 맞는지 주의하십시오. 새 전자와 현 전자, 혹은 서로 다른 제조사의 전자를 함께 사용하지 마십시오. 전자함을 닫은 후 컨트롤러가 작동하는지를 앞면의 파워 스위치를 통해 점검하십시오. 파워 스위치가 ON으로 커져있고 제대로 작동하면 컨트롤러 중간부 위쪽에 있는 점등이 빨간 빛을 발합니다. 컨트롤러의 LED가 천천히 깜박이고 신호음이 울리면, 컨트롤러의 전자를 교체해야 합니다.

모델을 컨트롤러에 접속하기

4 카메라 RC 쿼드콥터와 컨트롤러는 작동을 시작할 때 매번 새로 접속합니다. 처음에 카메라 RC 쿼드콥터와 컨트롤러간의 교신에 문제가 있으면, 새로 접속을 시도하십시오.

• 모델에 축전지를 연결하십시오.

• ON/OFF 스위치에서 모델을 커십시오.

• 주의! 쿼드콥터를 커 후 즉시 수평면에 올려놓으십시오. 지로시스템이 자동으로 정 일 작동합니다.

• 쿼드콥터의 LED가 움직임으로 깜박입니다.

• 전원 스위치에서 컨트롤러를 커십시오.

• 원쪽 조이스틱, 즉 속도조절 공이를 윗쪽으로 완전히 밀어올린 다음, 다시 아래쪽으로 0 위치까지 내리십시오.

• 접속이 성공적으로 이루어졌습니다.

• 컨트롤러의 LED가 지속적으로 빛을 발합니다.

• 약 5분 30초 후에 컨트롤러가 깨집니다. 다시 사용하려면 접속 절차를 반복하십시오.

쿼드콥터 기술

5 1. 회전날개 시스템

2. 회전날개 보호막

6 3. 축전지 전선

4. 쿼드콥터 연결 플러그

5. 전자암

6. ON/OFF 스위치

컨트롤러의 기능

7 1. 파워 스위치(ON / OFF)

2. 접점 LED

3. 속도

• 원형 비행

4. 전진/후진

• 우측/좌측 기울이기

5. 우측/좌측 기울이기 트리밍

6. 전진/후진 트리밍

7. 원형 회전을 위한 트리밍

8. 루프 단축

9. Start Rotor™ 단축

10. Auto Landing™ 단축

11. Auto Start & Fly to 1 m™ 단축

12. 초보자/숙련자 스위치 (30%/60%/100%)

3 전자암

비행 장소 선택하기

8 첫 비행을 하실 준비가 되었으면 사람과 장애물이 첫 비행을 하실 준비가 되었으면 사람과 장애물이 있고 가능하면 코고 달린 장소를 선택하십시오. 쿼드콥터의 크기와 조종성능에 따라 경험있는 조종사는 상대적으로 작은 딜런 공간에서도 비행할 수 있습니다.

첫 비행을 하는데 반드시 필요로 최소 공간 크기는 기로 5 메터, 세로 5 메터 넓이에, 2,400 메터 높이입니다. 쿼드콥터 트리밍을 완료하고 조종과 비행능력에 익숙해진 다음에는 더 작은 공간과 완전히 비어있지 않은 주변에서 비행을 강행하도록 됩니다.

접 안(주택과 정원)에서만 사용할 것. 컨트롤러와 Quadrocopter 사이에 기둥이나 사람과 같은 물체가 없어야 합니다.

비행 준비 점검표

이 점검표는 사용설명서 내용을 대체하지 않습니다. 이 점검표를 키 스타트 가이드로 사용하실 수 있음에도 불구하고, 계속 진행하기 전에 우선 이 조작설명서를 완전히 숙독하는 것을 적극 권합니다.

• 포장 내용물을 점검하십시오.

• 리포 전자와 "리포 전자 충전하기" 항목에 설명된대로 충전하십시오.

• AA 건전지 2개를 컨트롤러에 삽입하십시오. 암극이 맞는지 주의하십시오.

• 비행하기에 적당한 주변을 찾으십시오.

• 2b에 설명된 바와 같이 전자를 쿼드콥터 아랫쪽에 위치한 전자함에 장착하십시오.

• 모델에 축전지를 연결하십시오.

• ON/OFF 스위치에서 모델을 커십시오.

• 주의! 쿼드콥터를 커 후 즉시 수평면에 올려놓으십시오. 지로시스템이 자동으로 정 일 작동합니다.

• 쿼드콥터의 LED가 깜박입니다.

• ON/OFF 스위치에서 컨트롤러를 커십시오. 초보자/숙련자 스위치가 제대로 되어있는지 반드시 확인하십시오.(13). 원쪽 조이스틱, 즉 속도조절 공이를 윗쪽으로 완전히 밀어올리 다음, 다시 아래쪽으로 0 위치까지 내리십시오.

• 쿼드콥터가 시스템을 정확히 초기화하고 작동준비가 될 때 까지 잠시 기다리십시오. 쿼드콥터의 LED가 이제 지속적으로 깜박입니다. 컨트롤러의 LED가 지속적으로 빛을 발합니다.

• 쿼드콥터 여러 대를 동시에 비행하려면 필요에 따라 위에 설명한 항목을 반복하십시오.

• 주의! 비행을 시작하기 전 매번 자동 트리밍 기능 17 을 반드시 수행하십시오!

• 조종이 되는지 점검하십시오.

• 조종 방법을 익혀십시오.

• 필요한 경우 아래 17 18 19 20에 설명된대로 쿼드콥터를 트리밍하여 쿼드콥터가 부유비행 시조하지 않은 상태에서 제 위치로 부터 벗어나지 않게 하십시오.

• 쿼드콥터는 이제 비행 준비가 되었습니다.

• 쿼드콥터가 어려 기도 보이지 않으면 위에 언급한 점속 절차를 다시 시도하십시오.

• 모델을 비행시키십시오.

• 모델을 고립시킵니다.

• 쿼드콥터가 윗쪽으로 올라온다면, 전자를 교체해야 합니다.

• 쿼드콥터가 윗쪽으로 올라온다면, 전자를 교체해야 합니다.

• 원격조종기를 항상 마지막으로 고립시킵니다.

4 채널 쿼드콥터 비행하기

주의!

처음 비행을 할 때는 컨트롤러 공이를 서두르지 말고 매우 조심하여 조작하십시오. 대부분의 경우 각 공이를 미미하게 조작하는 것만으로 해당 조종명령을 수행할 수 있습니다!

해당 공이를 조작하지 않았음에도 쿼드콥터가 앞이나 위로 움직이는 것을 감지하시면, 17 18 19 20에 설명한 것에 따라 쿼드콥터를 트리밍하십시오.

9 +/- 속도(높이/줄임)

출발하거나 비행 고도를 높히려면, 원쪽 속도조절 공이를 조심스럽게 앞쪽으로 미십시오. 착륙하거나 비행 고도를 낮추려면, 원쪽 속도조절 공이를 조심스럽게 뒷쪽으로 미십시오.

10 쿼드콥터를 제 위치에서 원쪽이나 오른쪽으로 돌리려면, 원쪽 공이를 조심스럽게 원쪽이나 오른쪽으로 움직이십시오.

11 쿼드콥터를 원쪽이나 오른쪽으로 비행하려면, 오른쪽 공이를 조심스럽게 원쪽이나 오른쪽으로 움직이십시오.

12 쿼드콥터를 앞쪽이나 뒷쪽으로 비행하려면, 오른쪽 공이를 조심스럽게 앞쪽이나 뒷쪽으로 움직이십시오.

회전 날개/모터 켜기

13a 모터를 시동하려면 컨트롤러의 "Start Rotor" 단추를 누르십시오. 회전날개가 작동을 시작함과 동시에 속도조절 공이를 이용하여 위로 띠오를 수 있습니다.

루프 기능

주의! 숙련된 파일럿에게만 해당됨!

13b "루프 단축"을 누르면 신호음이 5번 울립니다. 신호음이 울리는 동안 오른쪽 조이스틱을 위로, 아래로, 오른쪽, 원쪽으로 움직이십시오. 쿼드콥터는 그러면 루프 및 뒤집기 기능 각 방향으로 수행합니다. 이 때 모든 방향으로 충분한 여유 공간이 있어야 합니다(약 2.5m).

초보자/숙련자 스위치

주의! 반드시 100% 숙련된 파일럿만 사용할 것!

14a 30% = 초보자 모드

전환시 신호음이 1회 울립니다.

60% = 중간 모드

쿼드콥터가 30% 모드보다 더 민감하게 반응합니다. 전환시 신호음이 2회 울립니다.

100% = 숙련자 모드 > 3D 모드

쿼드콥터는 조종통작에 매우 민감하게 반응을 보입니다. 쿼드콥터는 조종통작에 매우 민감하게 반응을 보입니다.

자동 고도 조절 기능

14 비행 중 원쪽 조이스틱에서 손을 놓으면 쿼드콥터는 자동으로 현 고도를 유지합니다.

Auto Landing

15 "Auto Landing" 단축을 눌러 언제든지 자동 착륙 기능을 실행할 수 있습니다. 이 때 날개의 회전 횟수가 서서히 감소합니다. 착륙이 실행되는 과정에서 언제든지 오른쪽 조이스틱을 움직여 착륙 위치를 바꿀 수 있습니다. 쿼드콥터가 자연에 다르면 모터가 깨집니다.

Auto-Start & Fly to 1 m™

16 컨트롤러의 "Auto Start & Fly to 1 m™" 단축을 눌러 모터가 시동하고 자동으로 1 미터 고도에 오르게 할 수 있습니다. 이륙이 시험되는 과정에서 언제든지 오른쪽 조이스틱을 높려 비행 방향을 바꿀 수 있습니다. 약 1 미터 고도에 도달하면 쿼드콥터는 자동으로 고도를 유지합니다.

비행 준비 트리밍하기

17 지동 트리밍

1. 쿼드콥터를 수평면에 올려 놓으십시오.

2. "모델을 컨트롤러에 접속하기"에 설명된 대로 쿼드콥터를 컨트롤러에 접속하십시오.

3. 속도조절 공이와 전진/후진 공이를 동시에 오른쪽 아래 모서리까지 미십시오. 쿼드콥터의 LED가 짧게 깜박이고 난 후 지속적으로 빛을 발합니다. 신호음이 1번 울립니다.

4. 중립 위치 설정이 완료되었습니다.

18 쿼드콥터가 부유비행 상태에서 오른쪽/왼쪽 기울이기 공이를 조작하지 않았음에도 앞쪽이나 뒷쪽으로 비행하면, 다음과 같이 하십시오: 쿼드콥터가 혼자서 저절로 신속히 혹은 천천히 앞쪽으로 움직이면, 전진/후진을 위한 오른쪽/왼쪽 트리밍 공이를 단계적으로 아래로 누르십시오. 쿼드콥터가 뒷쪽으로 움직이면, 전진/후진 트리밍 공이를 단계적으로 위로 누르십시오.

19 쿼드콥터가 부유비행 상태에서 원쪽 기울이기 공이를 움직이지 않았음에도 앞쪽이나 뒷쪽으로 비행하면, 다음과 같이 하십시오: 쿼드콥터가 혼자서 저절로 신속히 혹은 천천히 앞쪽으로 움직이면, 전진/후진을 위한 오른쪽/왼쪽 트리밍 공이를 단계적으로 아래로 누르십시오. 쿼드콥터가 뒷쪽으로 움직이면, 전진/후진 트리밍 공이를 단계적으로 위로 누르십시오.

20 쿼드콥터가 부유비행 상태에서 원쪽 회전 트리밍 공이를 움직이지 않았음에도 불구하고 전자에서 원쪽, 혹은 오른쪽으로 회전하면 다음과 같이 하십시오: 쿼드콥터가 저절로 빠르거나 천천히 제 축을 중심으로 원쪽으로 회전하면, 원쪽 회전 트리밍 공이를 위한 원쪽 아래 트리밍 단축을 단계적으로 오른쪽으로 누르십시오. 쿼드콥터가 오른쪽으로 회전하면, 원쪽 회전을 위한 트리밍 단축을 단계적으로 원쪽으로 누르십시오.

• 주의! 비행을 시작하기 전 매번 자동 트리밍 기능 17 을 반드시 수행하십시오!

회전 날개 교체

21 회전 날개를 분리하려면, 필요에 따라 알고 편편한 물체를 사용하십시오. 회전 날개 조심하여 수직으로 윗쪽으로 분리하시는데, 이 때 모터를 아랫쪽에서 붙잡아 고정하십시오.

22 주의!

표식과 색깔 및 회전 날개의 경사각도가 맞는지 반드시 주의하십시오!

전면 윗쪽: 빨강-표식 "A"

전면 오른쪽: 빨강-표식 "B"

후면 오른쪽: 검정-표식 "A"

후면 윗쪽: 검정-표식 "B"

23 모터 교체 시스템, 부속품 및 기타 정보 안내 QR코드.

문제 해결

문제: 컨트롤러가 작동하지 않습니다.

원인: ON/OFF 파워 스위치가 OFF로 되어있음.

해결책: ON/OFF 파워 스위치를 "ON"으로 전환.

원인: 전자기 절연 장착점.

해결책: 전자기 제대로 장착되었는지 검토하십시오.

원인: 전자기 충분하지 않습니다.

해결책: 새 전자기 장착하십시오.

문제: 쿼드콥터를 컨트롤러로 조종할 수 없습니다.

원인: 컨트롤러의 파워 스위치가 "OFF"로 되어 있음.

해결책: 먼저 컨트롤러의 파워 스위치를 "ON"으로 전환.

원인: 컨트롤러가 긴혹. 쿼드콥터의 수신기와 제대로 연결되어 있지 않을 수 있습니다.

해결책: "내부 준비 점검표" 항목에 설명된대로 접속 절차를 실행하십시오.

문제: 쿼드콥터가 뜨겁지 않습니다.

원인: 회전 날개가 너무 서서히 움직임.

해결책: 속도조절기를 위로 미轸십시오.

원인: 전자기 성능이 충분하지 않습니다.

해결책: 전자기 충전("전자 충전")에 관한 항목 참고.

문제: 쿼드콥터가 비행중 뚜렷한 이유없이 속력을 잃고 강하함.

원인: 전자기 너무 약함.

해결책: 전자기 충전("전자 충전")에 관한 항목 참고.

문제: 쿼드콥터가 원형 비행하거나 출발할 때 뒤집기를 함.

원인: 잘못 정렬했거나 손상된 회전 날개.

해결책: 회전 날개는 21 22 23에 설명한대로 장착/교체할 것.

오류와 변동이 있을 수 있습니다. · 색깔과 최종 디자인에 변동이 있을 수 있습니다.

기술과 디자인상의 변동이 있을 수 있습니다. · 픽토그램 = 상징그림



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