

QR-1

HIGH PERFORMANCE QUAD-ROTOR HELICOPTER



OWNER'S MANUAL

**Model 6208 QR-1 Ready-To-Fly with Transmitter,
LiPo Batteries (2), and Charger**

**Model 6207 QR-1 EZ-Connect with Battery and
Charger (transmitter not included)**

TRAXXAS[®]

Introduction

Carefully read and follow all instructions in this and any accompanying materials to prevent serious damage to your model. Failure to follow these instructions will be considered abuse and/or neglect. Before operating your model, look over this entire manual and examine the model carefully. If for some reason you decide it is not what you wanted, do not continue any further. Your hobby dealer absolutely cannot accept a model for return or exchange after it has been used.

Support

Traxxas Technical Support

PHONE: 888-TRAXXAS (1-888-872-9927)*.

ONLINE: Traxxas.com/support

EMAIL: support@traxxas.com

**Monday through Friday from 8:30am to 9:00pm central time. Outside of the U.S., please call +1-972-265-8000.*

Traxxas encourages you to register your helicopter online at Traxxas.com/register.

Exclusive Traxxas Helicopter Replacement Plan

Traxxas protects your investment with the Traxxas Helicopter Replacement Plan that allows owners to exchange worn or damaged helicopters for a reduced flat-rate fee. Consult your Traxxas Service and Support Guide for details and current pricing. You can also renew your helicopter's performance with replacement parts available from your hobby dealer or Traxxas.

Safety Precautions

- Carefully follow the directions and warnings for this model and any optional support equipment you may use.
- The transmitter controls are positioned in one of two configurations (Mode 1 or Mode 2) depending on the region in which you purchased your model. Both configurations are illustrated in this manual. Be certain to confirm the controls of your model before you attempt to fly it.
- Never operate your model with low transmitter batteries.
- The helicopter has rotating blades that move at high speed, posing danger of damage and injury. Pilots are responsible for any actions that result in damage or injury from the improper operation of the helicopter. Choose an adequate flying space without obstacles. Do not operate the helicopter near buildings, crowds of people, high-voltage power lines, or trees to ensure the safety of yourself, others, and your model. Wear eye protection when operating your helicopter and keep your hands, face, hair, loose clothing, and foreign objects away from the rotating blades.
- This model has small parts that may pose a choking hazard. Keep all small parts and electrical devices out of the reach of children and animals.
- Pets can become excited by radio-controlled models. Keep pets away from your model at all times.
- Keep the model in sight at all times during operation and flight. Discontinue operation immediately if the model flies out of your field of view.
- Because your model is controlled by radio, it is subject to radio interference from many sources that are beyond your control. Radio interference can cause momentary losses of radio control; always allow a safety margin in all directions around the model to prevent collisions.
- When flying indoors, avoid locations with ceiling fans, hanging light fixtures, heating or air conditioning vents, or any other obstacles that may interfere with or damage your model.
- Never attempt to retrieve your model from any location higher than your reach (such as rooftops or trees) or from any location that poses a safety hazard.
- Do not operate your model at night or anytime your line of sight to the model may be obstructed or impaired in any way. Do not operate the model if you are tired or otherwise impaired.
- Moisture causes damage to electronics. Avoid exposing your helicopter, transmitter, and battery to water.
- The motor, batteries, and speed control can become hot during use. Allow parts to cool before handling.
- Do not leave the model unattended while it is turned on. Immediately turn the transmitter and model off after you have safely landed the model.
- **Most importantly, use good common sense at all times.**

! All instructions and precautions outlined in this manual should be strictly followed to ensure safe operation of your model. Failure to comply with the warnings, instructions, and precautions in this manual could lead to product damage and personal injury.

! **⚠** **About Lithium Polymer (LiPo) Batteries**
The included LiPo rechargeable battery must be handled with care for safety and long battery life. LiPo batteries are more volatile than alkaline, NiCad, and NiMH batteries. Mishandling of LiPo batteries can result in fire. By handling, charging, or using the included LiPo battery, you assume all risks associated with LiPo batteries. If you do not agree with these conditions, return your complete, unused Traxxas QR-1 helicopter to the place of purchase.

If at any time during charging or use the battery begins to swell or becomes damaged in any way, discontinue charging or use of the battery immediately. Continuing to charge or discharge a battery that has begun to balloon or swell can result in a fire. Quickly and safely disconnect the battery and place it in an open, safe area away from flammable materials. Observe the battery for at least 30 minutes to be certain no additional swelling or rupture occurs. Completely discharge the battery by submerging it in a saltwater solution (1/2 cup salt per gallon of water) for 24 hours. The battery may then be disposed of in the trash. LiPo batteries are landfill-safe.

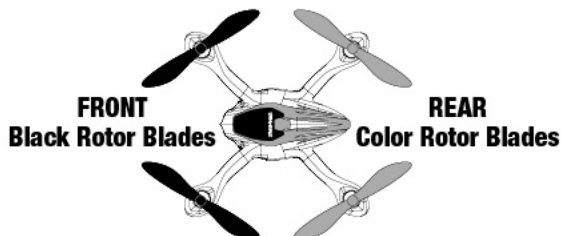
! **It is your responsibility to charge and care for the battery pack properly.**

- The included LiPo battery pack must be charged ONLY with the USB charger included with the model or a Traxxas-specified accessory charger. Failure to use the correct charger may result in a fire, personal injury, and/or property damage. DO NOT use a charger designed for NiCad or NiMH batteries. Using any charger other than the included charger may damage the battery.
- Charge the battery in a safe area away from flammable materials.
- Allow the battery to cool to room temperature before recharging.
- Never leave batteries unattended while charging. Monitor the charging process and react to any problems that may occur.
- Always unplug the battery from the model when not in use and when it is being stored or transported.
- Do not use or charge battery packs that have been damaged in any way (bent, dented, swollen, torn covering, or otherwise damaged).
- Do not allow small children to charge or handle LiPo batteries.
- Only discharge the LiPo battery by using it to power your model. Do not discharge the battery using an accessory device.
- Store the battery and model in a dry area at room temperature. Avoid temperatures less than 40°F/4°C and greater than 120°F/49°C. Do not store the battery or model in a car or in direct sunlight. If stored in a hot car or otherwise exposed to temperatures greater than 120°F/49°C, the battery can be damaged or may catch fire.

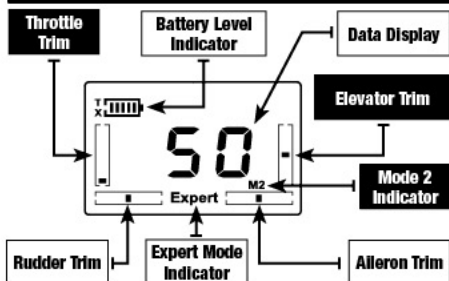
Included Support Equipment

(2) 240mAh LiPo batteries
USB-powered Dual Battery Charger
Spare rotor blade set
Phillips screwdriver
4 Traxxas AAA alkaline batteries

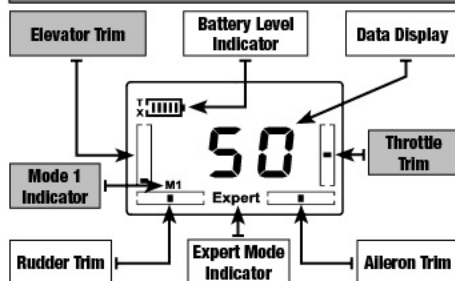
Model Orientation




Mode 2 Display



Mode 1 Display



 The Mode 1 or Mode 2 control positions are set at the factory and are not user-selectable. The mode is set according to the control configuration that is most common in your region. Typically Mode 2 is used in the US. The control positions for Mode 1 and Mode 2 are identical except for the Throttle and Forward / Reverse controls as illustrated above. Be certain to confirm your transmitter's mode and refer to the correct illustrations in this manual.

Getting Started

1. Read all safety precautions.

2. Charge the battery packs.

3. Install the included AAA alkaline batteries into the transmitter.

4. Turn on the transmitter.

Make sure the throttle stick is in the full down position (throttle off), then turn the transmitter on.

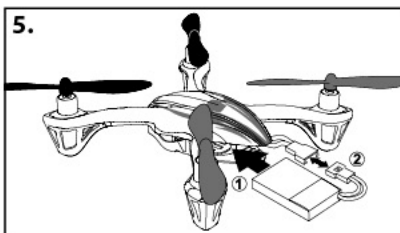
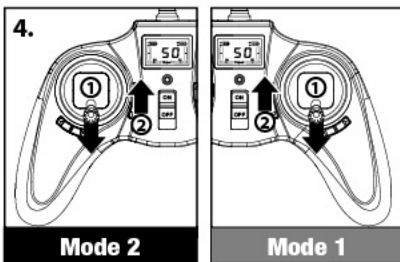
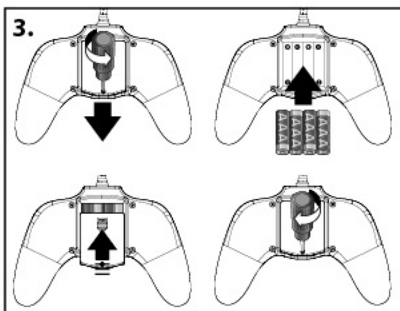
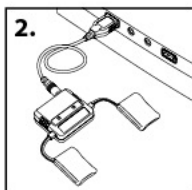
5. Install the battery into the helicopter and connect the battery.

Note that the helicopter is now powered on.

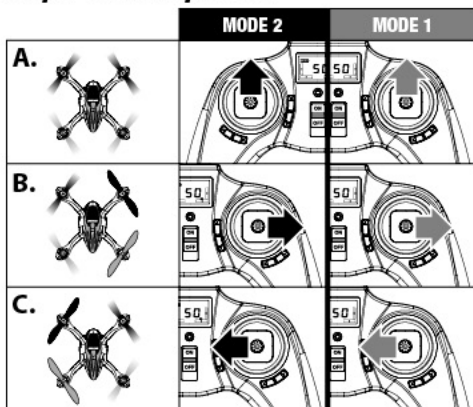
6. Confirm proper control operation.

Place the model on a smooth surface with the front of the model facing away from you.

- Gently push the throttle stick forward. All four rotors will spin.
- Hold the sideways flight stick to full right and slowly advance the throttle. The left rotors will spin.
- Hold the sideways flight stick to full left and slowly advance the throttle. The right rotors will spin.
- Hold the forward/reverse flight stick full forward and slowly advance the throttle. The rear rotors will spin.
- Hold the forward/reverse flight stick full rearward and slowly advance the throttle. The front rotors will spin.
- Slowly advance the throttle as you hold the throttle stick back and left. The right front and left rear rotors will spin.
- Slowly advance the throttle as you hold the throttle stick forward and right. The left front and right rear rotors will spin.



Proper Control Operation

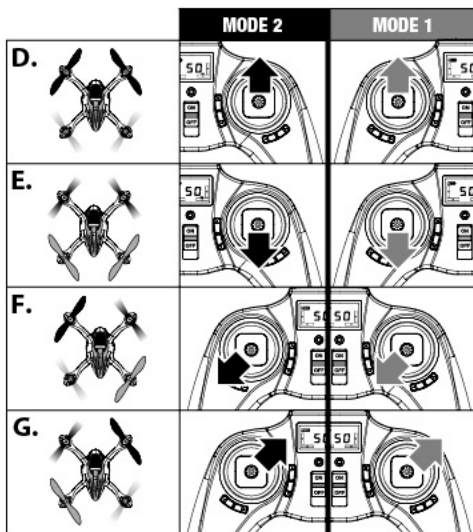


7. Fly your model. See "Flight Controls" and "Flying Your Model."

8. Store and maintain your model.

See "Caring for Your Model."

- Unplug and remove the battery.
- Store the model and its batteries out of the reach of children and animals.
- Charge the flight battery to 50% if you are storing the model for a week or more.
- Remove the batteries from the transmitter if storing for a long period.

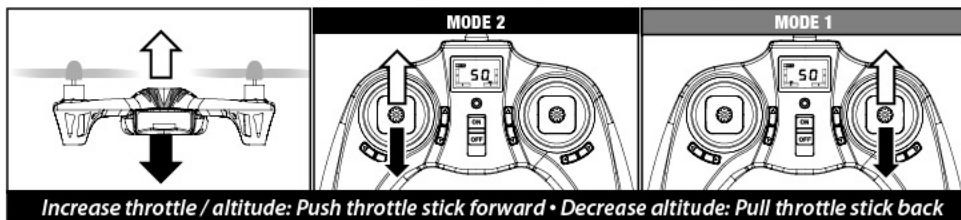


Flight Controls

Before you begin flying your model, familiarize yourself with the flight controls.

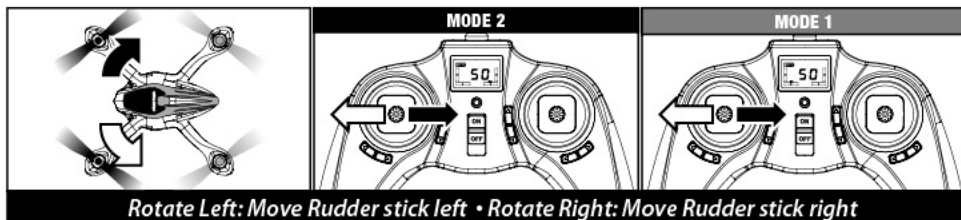
Throttle Control

Pushing the throttle stick forward will cause the main rotors to spin. The farther you push the stick, the faster the rotors will spin, causing the helicopter to lift off and gain altitude.



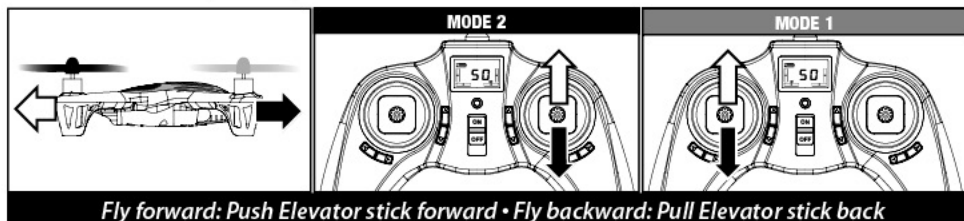
Rudder Control

If you move the Rudder stick to the right, the helicopter will rotate clockwise without changing the model's direction of flight. If you move the stick left, the helicopter will rotate counterclockwise. The farther you move the stick, the faster the helicopter will rotate.



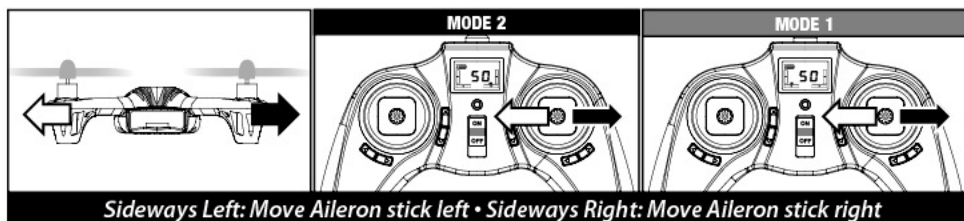
Elevator Control

Pushing the Elevator stick forward will cause the helicopter to fly forward. Pulling the stick back will cause the helicopter to fly backward.

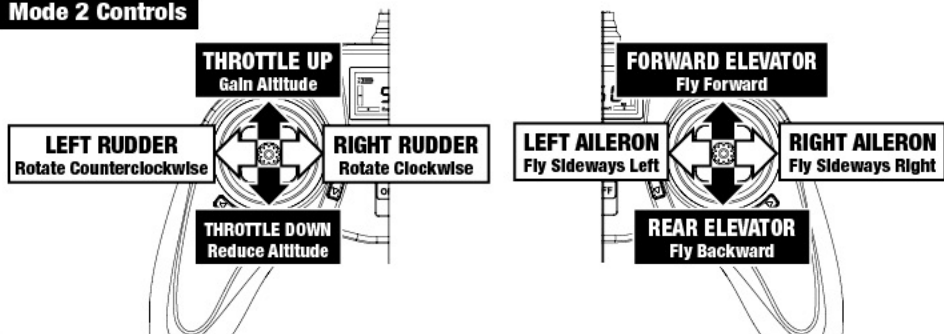


Aileron Control

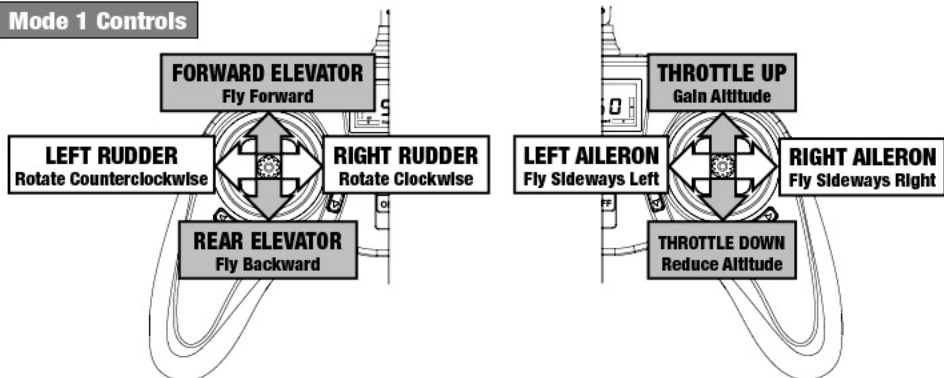
Moving the Aileron stick left or right will cause the model to fly sideways in the direction of stick movement.

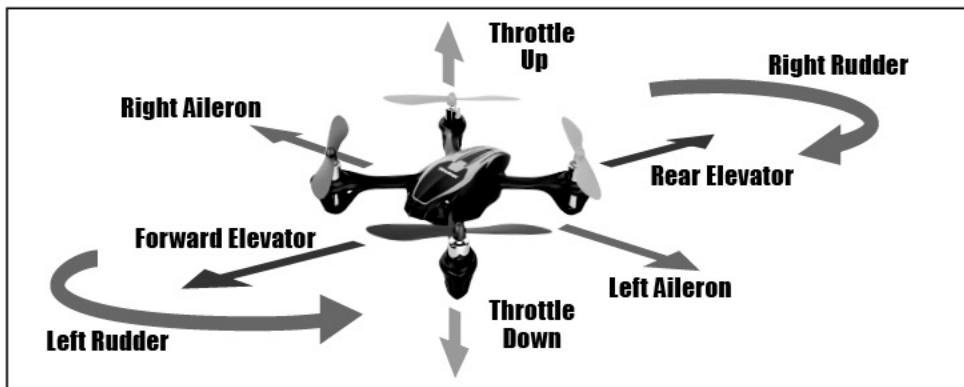


Mode 2 Controls



Mode 1 Controls





Flying Your Model

! Make small, gentle control movements
The model will react quickly to your commands. To avoid loss of control, ALWAYS move the controls SLOWLY! If you ever feel you don't have complete control of the helicopter, use the throttle stick to maintain altitude and release the opposite stick. The model will return to level flight.


! Avoid ground turbulence
Flying 2-3 feet above the ground will put you above any ground turbulence and deliver more stable and controllable flight.


1. Find a suitable flying area.

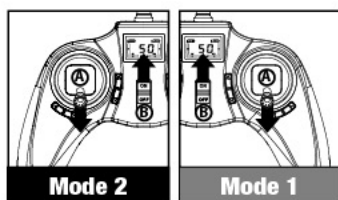
The QR-1 is approved for both indoor and outdoor flight. The recommended minimum area for indoor flight is a room that is 10 x 10 feet, with a ceiling height of 8 feet or more. Be aware that the spinning rotor blades may damage furniture and wall coverings. When flying outdoors, choose a wide open area away from crowds, buildings, power lines, or other hazards.

2. Switch the transmitter on.

Move the throttle stick to the full down position (A) (throttle off) and then slide the power switch up to the ON position (B).

T  Observe the battery level indicator on the LCD; five segments should be displayed. Replace the batteries when only one segment is displayed.

T  Do not fly the model with low transmitter batteries or loss of control may result.

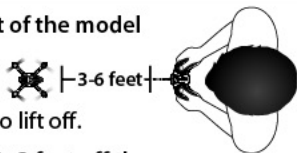


! The QR-1 does not have a power switch. The model is ON when the battery is connected. To power the model off, disconnect the battery.

3. Power the model.

- Make certain the transmitter's throttle stick is in the full down position (throttle off).
- Place the model on a smooth, flat surface and connect the battery to the model. The model is now powered on.
- Tuck the connector and wires into the rear of the model to prevent contact with the rear rotors.
- Do not operate the controls or move the model. This will allow the model to confirm its neutral position for stable flight.
- The transmitter will emit a tone to indicate that binding is complete. When the red LED on the transmitter and the blue LEDs on the helicopter are all solid (not blinking), the helicopter is ready to fly.

4. Place the model in the center of your flying area, with the front of the model facing away from you. Stand several feet behind the model.



5. Slowly push the throttle stick forward.

Gently increase the rpm of the main rotors until the model begins to lift off.

6. Reduce throttle to maintain a hover when the model is about 2–3 feet off the ground. This height will reduce the likelihood of crash damage and keep the model away from ground turbulence.

7. Practice maintaining the hover position.

Minor control inputs are required to keep the model hovering in one spot and at one altitude.

8. Practice gaining and reducing altitude.

To land, slowly and smoothly pull the throttle stick back until the helicopter touches down.

9. Practice flying forward and backward.


When you can confidently hover and control the model's altitude, operate the elevator and aileron controls separately to familiarize yourself with the helicopter's response.

10. Practice rotating the helicopter.

When you can operate the elevator and aileron controls confidently, practice using the rudder control while hovering. Practice rotating and stopping the helicopter precisely.

11. Combine control commands.

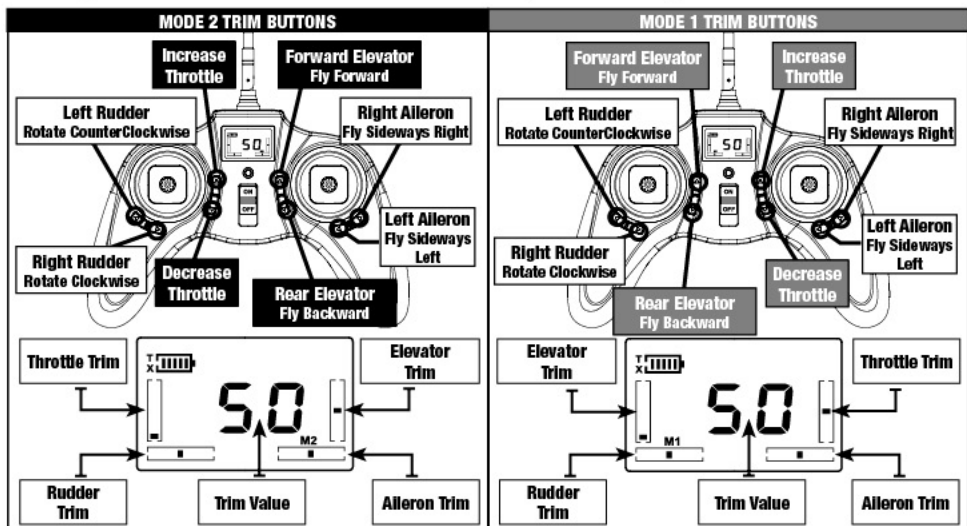
When you are comfortable operating the controls independently, you can combine controls to make very precise maneuvers. The model will always fly in the direction of the canopy. If you ever feel you don't have complete control of the helicopter, use the throttle stick to maintain altitude and release the opposite stick. The model will return to level flight.

 The following behaviors indicate a low battery condition and that the battery should be recharged immediately.


- The LEDs on the helicopter are blinking.
- The helicopter loses power and lands itself (low voltage cutoff).

Adjusting the Controls for Stable Flight

If your helicopter pulls or drifts in any direction (unrelated to air currents) when the sticks are at neutral, you can use the trim controls to tune out any unwanted flight motions.



- The trim buttons will adjust each control in a small increment with each 'click.' Press the trim button as many times as is required until the model holds a steady hover with little or no correction required.
- The QR-1 features an automatic rudder trimming feature. Simply land the helicopter and allow it to sit still for three or more seconds. The QR-1 will automatically re-center the rudder control.

 As you adjust each trim, the transmitter's LCD will show the trim position as a numeric value. There are 25 trim steps in each direction for Rudder, Elevator, and Aileron. When your model is trimmed for stable flight, the trim display may not indicate that the neutral setting is zero. This is normal.


Flying Tips


Indoor Flying Tips:


- The helicopter is sensitive to air currents in the room and turbulence that is created when the helicopter is near the ground, walls, and ceilings.
- Avoid air vents, air conditioners, room fans, and other devices that circulate air, as they may affect your model and cause unpredictable movements.
- As the helicopter nears a ceiling or wall, it will be drawn to the surface and pilot correction will be required. Stay 2-3 feet away from ceilings and walls to avoid this.
- Avoid obstacles such as ceiling fans and fire sprinkler heads.

Outdoor Flying Tips:

- Choose a location that allows you to fly over grass or another soft surface.
- Do not fly near power lines, trees, rooftops, or other obstacles that may strand your model. Do not retrieve the model from any location higher than your reach.
- If you encounter breezes that disrupt the model, fly into the direction of the wind to maintain control.
- If a strong wind overpowers the model, land immediately to avoid loss of control.

 A rapid landing is much gentler on the helicopter than striking a wall or another object that stalls the rotor blades.

 If you do crash your model, immediately pull the throttle stick to the full down position to stop the rotor blades from spinning. Failure to do so may result in damage to the model. Do not approach the model until the rotor blades have stopped completely. Hold the throttle stick in the down position (throttle off) before picking up the model. Turn the model off and unplug the battery before inspecting it for damage.

 If the QR-1 does not land upright, place it on a flat surface and allow it to sit still for several seconds. This will allow the 6-Axis Stabilization system to recalibrate the controls for level flight.

Controls are reversed as the model flies toward you

- When your model is flying away from you, the helicopter reacts to direction changes just as you command. If you command the model move to the right, it will move to your right as you commanded.
- When the helicopter is coming toward you and you command the model to move right, the model will move to your left. Always remember that the model flies forward, reverse, right, and left relative to the position of itself, not relative to your position.
- Until you become used to reversing your control inputs as the model changes direction, allow yourself extra flying room to accommodate pilot error.




Be prepared for altitude changes as you fly

Forward/reverse and left/right movements may increase or reduce lift, causing the helicopter to gain or lose altitude. Be prepared to react to altitude changes by adjusting the throttle as you fly the model.

Normal and Expert Flight Modes

- The QR-1 is factory set for Normal Mode flying, and it will always power up in Normal Mode. While fast and responsive in Normal Mode, the QR-1 has even greater performance capability when Expert Mode is activated.
- Activate Expert Mode by pressing down on the Elevator stick (the model and transmitter must both be on).
- The LCD will display EXPERT and the red LED will blink to show you are in Expert mode.

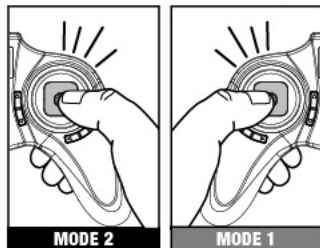
 **Warning!** While in Expert Mode, it is even more important to use slow, smooth control inputs to prevent crashing your helicopter. Do not attempt flying in Expert Mode until you can confidently control the model in Normal Mode. Personal injury or product damage may result. Expert Mode is for Experts only!



Normal mode (not displayed)



Expert mode displayed



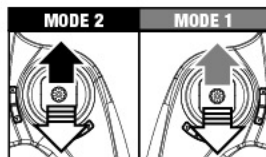
Click the Elevator stick to switch between Normal and Expert mode.

Advanced Flight: Performing Flips

In Expert Mode, the QR-1 can perform front flips, back flips, and barrel rolls. Do not attempt these stunts until you are able to fly confidently in Expert Mode. Choose an area that will provide a soft landing (carpet or grass) and maintain an altitude of at least 10 feet to allow room to recover control as you practice flipping the model.

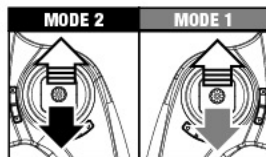
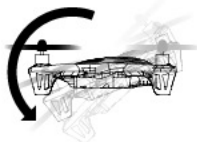
Backflip

- Maintain a steady hover.
- Quickly command the model to fly full forward.
- Immediately command the model to fly full reverse. The model will flip backward.
- The model will lose altitude slightly as it performs the flip. Be prepared to increase throttle to compensate for altitude loss.



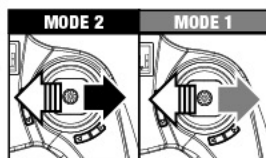
Front Flip

- To perform a front flip, use the same technique as the backflip but reverse the commands. Command full reverse, then full forward.



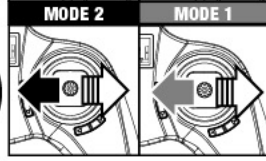
Barrel Roll

- To perform a barrel roll (or "side flip"), use the same technique as a front or backflip, but with sideways-flight commands. To barrel roll clockwise, command full left then full right. To roll counterclockwise, command full right then full left.



Flip Tips

- Performing a flip requires very quick control inputs. The model will react very quickly.
- As the battery charge weakens, the model will



not be able to flip or may only flip while accelerating upwards. Performing a flip with less than full power will result in significant altitude loss. Avoid stunt flying until the battery is fully charged.


Advanced Flight: Performing Banked Turns

The QR-1's advanced 6-Axis Stabilization System and precise 4-channel controls allow it to make banked turns. This is an exclusive performance capability unique to the QR-1. To make a banked turn, combine aileron and elevator inputs. With practice, you will find the right balance of elevator and aileron input to make impressive banked turns. The QR-1 can make banked turns in Normal and Expert Mode.

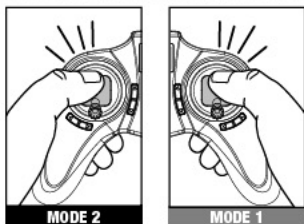
Customizing the Controls

The speed of each control, except the throttle, can be adjusted independently. Once you have selected a control, you can increase its value (more directional speed) or reduce its value (less directional speed). Follow these steps to select and adjust each control.

 Please note that the first programming option is servo reversing, indicated by SE. Skip this setting to avoid accidentally reversing the model's controls.

 When adjusting the controls in Normal mode, the trim displays will show three flashing dots and the red LED will be on solid. In Expert mode, five flashing dots will be displayed and the red LED will be blinking. The Elevator stick may be depressed at any time during programming to access the Normal and Expert Mode settings.

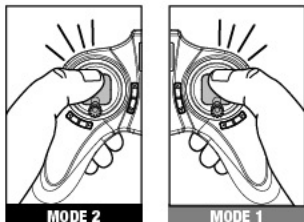
1. Turn on the transmitter and model.
2. Hold the throttle stick base for 3 seconds.



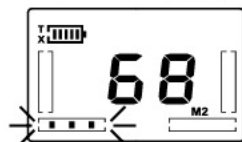
3. SE (Servo Reversing) appears. Do not adjust.





4. Click the throttle stick base to advance to the next function.



5. LCD displays flashing dots in the channel being adjusted.



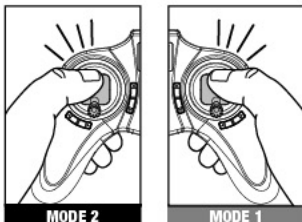
-  3 dots displayed in Normal
-  5 dots displayed in Expert

TIP: Press the Elevator stick to switch between Normal and Expert mode at any time.

6. Adjust the channel value using the trim key.



7. Click the throttle stick base to advance to the next function, or hold the stick base for one second to exit.



Restoring the Default Settings

Use the following procedure to return the transmitter to its default settings.

1. With the transmitter powered off, move both sticks to the upper left position and hold, then power on the transmitter and release the sticks.
2. Move the left stick to full travel in each direction (full left, full right, full forward, full back), holding the stick in each position for one second. Repeat this procedure with the right stick.
3. Place the throttle stick in the full down (throttle off) position and then press and hold any trim button to complete the reset. The red LED will begin blinking when the reset is complete.
4. Turn the helicopter on, confirm the control directions, and fly.

Caring For Your Model

- After each flight and immediately after any crash, inspect your model for worn or damaged parts. If required, parts are available at your local Traxxas dealer. For a complete parts list and exploded view of your model, refer to the Service and Support Guide in this manual.
- A micro screwdriver is supplied with your model to assist with repairs.
- When not in use, store your model in its original packaging with the batteries removed from the transmitter and helicopter.
- If you do not plan to fly your model for a week or more, store the battery approximately 50% charged to maintain battery performance and life. To achieve a 50% charge, fly the model until the battery requires recharging. Charge the battery for half the time typically required to fully charge the battery.



Do not store a swollen or damaged battery!

See "About Lithium Polymer (LiPo) Batteries" for more information.

Troubleshooting Guide

The helicopter is drifting on its own.

- The helicopter is out of trim. Correct this by using the trim buttons. See "Adjusting Your Controls for Stable Flight."

The LED is blinking on the transmitter, and the transmitter will not control the model.

1. The transmitter is in binding mode.
 - Confirm that the helicopter is powered on and in binding mode (blinking LED). Move the transmitter to within one foot of the helicopter. The transmitter and helicopter should bind (indicated by a tone from the transmitter and solid LEDs on both the transmitter and helicopter).
2. There was a problem with the binding process.
 - Power down the transmitter and the helicopter, and then power them on again (transmitter first, then helicopter). The transmitter and helicopter should bind (indicated by a tone from the transmitter and solid LEDs on both the transmitter and the helicopter).

The controls are reversed. (For example, when the control is moved right, the helicopter moves left.)

1. The front of the helicopter is facing you instead of facing away from you. Make sure the front of the helicopter is facing away from you and try again.
2. You have accidentally reversed the channel controls.
 - a. Turn on the transmitter and connect the battery to the helicopter.
 - b. Press and hold the throttle stick base. Release the stick base when "SE" appears.
 - c. Press the trim button for the control that is reversed. The control indicator on the LCD screen will switch positions, indicating the control direction has been reset.
 - d. Press and hold the throttle stick base until the LCD screen returns to the standard flight display.
 - e. See "Proper Control Operation" to confirm the flight controls.

The transmitter settings have been adjusted incorrectly for optimal flight.

- Return the transmitter to the default settings. See "Restoring the Default Settings."

The helicopter landed by itself, and now the throttle will not respond. The LEDs on the helicopter are blinking, and the LED on the transmitter is solid.

- The helicopter battery needs to be recharged.

The helicopter trim cannot be adjusted. The helicopter continues to drift no matter the trim setting.

1. There has most likely been some damage to the helicopter as the result of a crash. Carefully inspect the model for damage.

2. Perform a stabilization system reset:

- a. Place the helicopter on a flat, level surface. It is important that the surface be as level as possible.
- b. Power on the transmitter and the helicopter. Make sure they are bound (solid LED on both).
- c. Move the throttle stick on the transmitter to the lower right corner. Move the aileron stick back and forth several times until the blue LEDs (eyes) blink.
- d. The reset is complete.

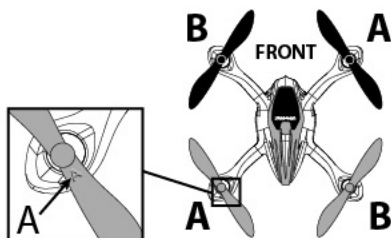
The helicopter battery is fully charged and the rotor blades are spinning, but the helicopter will not lift off.

- The rotor blades have been installed incorrectly. See "Rotor Blade Installation."

Rotor Blade Installation

The QR-1's rotor blades are not identical. Each blade is labeled with an A or B. When installing replacement rotor blades, be certain to install them as shown.

The helicopter will not fly if the rotor blades are not installed in the proper locations.



TRAXXAS

QR-1

Traxxas Service and Support Guide

All of us at Traxxas want to assure you that your Traxxas model is backed by the best service and support team in the industry. We stand behind our products and reputation and pledge to do our best to make sure you are satisfied with your Traxxas product. If you have any questions about your model or its operation, call the Traxxas Technical Support line toll free at 1-888-TRAXXAS (1-888-872-9927)*. Technical support is available Monday through Friday from 8:30am to 9:00pm central time. Technical assistance is also available at [Traxxas.com/support](mailto:support@Traxxas.com) or via e-mail at support@Traxxas.com.

Traxxas offers a full-service, on-site repair facility to handle any of your Traxxas service needs. Maintenance and replacement parts may be purchased from your Traxxas dealer, directly from Traxxas by phone, or online at BuyTraxxas.com. You can save time, along with shipping and handling costs, by purchasing replacement parts directly from your local dealer.

The following guide will take you through the various options you have for obtaining service for your Traxxas model, including warranty and non-warranty service.

**Toll-free support is available in the U.S. only. Outside of the U.S., please call 1-972-265-8000.*

Traxxas Warranty Coverage

Your new helicopter is considered to be a hobby-class model. Because our products are not considered to be "toys," no warranties are expressed or implied that cover damage caused by normal use or wear, or cover or imply how long any part will last before requiring replacement due to wear. Parts will wear from use and occasionally require replacement. The helicopter and its components are only covered against manufacturer's defects in materials, workmanship, or assembly when new (before being used).

Any component found to be defective, incorrectly made, or incorrectly assembled will be repaired or replaced at Traxxas' sole discretion. This will be done within a reasonable time period and free of charge. If you believe a defect in materials, workmanship, or assembly was not apparent when the product was new and only became evident after the product was used, then please call us.

Limitations

Any and all warranty coverage does not cover replacement of parts and components damaged by abuse, neglect, improper or unreasonable use, crash damage, water or excessive moisture, chemical damage, improper or infrequent maintenance, accident, unauthorized alteration or modification, or items that are considered consumable. Traxxas will not pay for the cost of shipping or transportation of a defective component from you to us.

Your Hobby Dealer's Role

All warranty claims are handled directly by Traxxas. Your dealer can assist you in contacting Traxxas and determining which components might be defective, but he is under no obligation to provide free replacement parts or service. Traxxas does not authorize dealers to make over-the-counter exchanges or refunds for Traxxas products that have been used. Traxxas will make the sole and final determination if a product or component can be covered under warranty.

Limitations of Liability

This product is warranted against defects in original material and workmanship only. No term warranty is offered with this product. Traxxas makes no other warranties expressed or implied. Traxxas shall not be liable for any special, indirect, incidental, or consequential damages arising out of the assembly, installation, or use of their products or any accessory or chemical required to use their products. By the act of operating/using the product, the user accepts all resulting liability. In no case shall Traxxas' liability exceed the actual purchase price paid for the product. Traxxas reserves the right to modify warranty provisions without notice. All warranty claims will be handled directly by Traxxas. The Traxxas warranty gives the customer specific legal rights and possibly other rights that vary from state to state. All dollar amounts stated are in United States dollars. The term "lifetime" shall refer to the product's production life at Traxxas. Traxxas is not obligated to provide upgraded products at a reduced rate when a previous product's production cycle has ended.

Traxxas encourages you to register your helicopter online at Traxxas.com/register.

Traxxas Helicopter Replacement Plan

If your helicopter sustains crash damage or extensive wear that is impractical to repair, you can exchange the worn or damaged helicopter, minus transmitter, for a new helicopter for half the suggested selling price of a new helicopter with transmitter. All returns must be made to your hobby dealer or directly to Traxxas.

FCC Compliance

This device contains a module that complies with the limits for a Class B digital device as described in 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.

The limits for a Class B digital device are designed to provide reasonable protection against harmful interference in residential settings. This product generates, uses and can radiate radio frequency energy, and, if not operated in accordance with the instructions, may cause harmful interference to radio communications.

Canada, Industry Canada (IC)

This Class B digital apparatus complies with Canadian ICES-003 and RSS-210. This device complies with Industry Canada license exempt RSS standard(s). Operation is subject to the following two conditions: This device may not cause interference, and this device must accept any interference, including interference that may cause undesired operation of the device.

Radio Frequency (RF) Exposure Information

The radiated output power of the Traxxas model is below the Industry Canada (IC) radio frequency exposure limits. The Traxxas QR-1 should be used in such a manner such that the potential for human contact during normal operation is minimized.



CE Compliance for Users in the European Union WEEE Compliance:

Please help the environment by disposing of your product responsibly at the end of its life. The wheeled bin symbol indicates that this product should not be disposed of in your household waste containers.

Instead, the product should be disposed of by using a designated collection point for the recycling of waste electrical and electronic equipment. The Waste of Electrical and Electronic Equipment (WEEE) Directive (2002/96/EC) requires that the best available recycling techniques be employed to minimize the impact on the environment.

Recycling electronics helps by keeping harmful chemicals out of the environment, and also saves money by reusing precious metals. Remove any batteries and dispose of them and the product at your local authority's recycling facility. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the location where you purchased this product.

Declaration of Conformity for R&TTE Directive

In accordance with IEC 17050-1 This is to certify that the following products conform to the requirements of the R&TTE Directive 99/5/EC and that all essential test suites have been carried out.

Product: QR-1 (6208, 6207)

Standards applied:

EN 300 328 V1.7.1
EN 301 489-1V1.8.1; EN 301 489-17 V2.1.1
EN 62311:2008; EN 60950-1:2006+A11:2009

Signed: _____

Date: Oct. 9, 2012

Traxxas, L.P. 1100 Klein Rd. Plano, TX 75074



THIS MODEL IS NOT INTENDED FOR USE BY CHILDREN UNDER THE AGE OF 14 WITHOUT THE SUPERVISION OF A RESPONSIBLE ADULT.

WARNING!

POTENTIAL CHOKING HAZARD. KEEP THIS MODEL, ITS TRANSMITTER, AND EXTRA EQUIPMENT OUT OF REACH OF CHILDREN UNDER 3 YEARS OF AGE!



QR-1 Quad-rotor Helicopter (6207, 6208) Parts List

Parts shown in bold are optional accessories. Part categories and individual part listings are arranged alphabetically. Prices are shown in US Dollars.

Canopies & Blades

6213	Canopy, upper and lower, QR-1, blue/ mounting screws (5).....	\$15.00
6214	Canopy, upper and lower, QR-1, green/ mounting screws (5).....	\$15.00
6215	Canopy, upper and lower, QR-1, orange/ mounting screws (5).....	\$15.00
6212	Canopy, upper and lower, QR-1, red/ mounting screws (5).....	\$15.00
6228	Rotor blade set, red (2), blue (2), green (2), orange (2).....	\$8.00
6225	Rotor blade set, white (4), black (4).....	\$8.00

Motors & Electronics

6237	Battery, 240mAh, LiPo.....	\$8.00
6238	Charger, USB, dual-port.....	\$10.00
6235	Motor, clockwise (1) (right-front or left-rear).....	\$10.00
6236	Motor, counter-clockwise (1) (left-front or right-rear).....	\$10.00
6239	Transmitter, 2.4GHz, 4-channel.....	\$45.00

Ready-to-Fly & EZ-Connect Models

6208	QR-1: Quad-rotor Helicopter (RTF).....	Call
6207	QR-1: Quad-rotor Helicopter, EZ-Connect.....	Call

If you have questions or need technical assistance, call Traxxas at:

1-888-TRAXXAS

(1-888-872-9827) (U.S. residents only)

For orders, calls outside the U.S., and other information, call 872-265-9000, or fax to 872-265-9011 e-mail: Traxxas@support.Traxxas.com

TRAXXAS.COM

The logo for the Traxxas QR1 model, featuring the letters 'QR1' in a bold, italicized, sans-serif font with a thick black outline and a white-to-grey gradient fill. The letters are set against a background of faint, concentric circular patterns with rectangular segments, resembling a target or a technical diagram.

QR1

MODEL 6208, 6207

The Traxxas brand logo, rendered in a highly stylized, jagged, and italicized font. The letters are filled with a black-to-white gradient and have a thick black outline, giving it a dynamic and aggressive appearance.

TRAXXAS

**1100 KLEIN ROAD, PLANO TEXAS 75074
1 - 888 - TRAXXAS**