

## General FAQ for RC Helicopters

FAQ	Answer
<b>Is my helicopter ready to fly out of the box or do I need to Bind or do anything?</b>	YES. They are ready to fly after putting a charge on the battery. The helicopters are preset by the factory and require not binding or programming. Please do not flip switches or rebind or anything. Only do so if necessary.
<b>What does Coaxial Mean?</b>	Helicopter will have 2 sets of blades and the blades are counter rotating to create lift.
<b>Why does my coaxial helicopter only have one linkage on the stabilizer bar?</b>	This is normal. Only one side is needed. In the event one side ball end breaks, you can shift the linkage to the other side.
<b>What do I do if one of my blades are not spinning?</b>	Check to make sure the motor for that set of blades is plugged in.
<b>What is a Gyro?</b>	A gyro is an electric unit self contained that keeps a helicopter's nose in a straight heading. It is used to counter the speed of the head and/or the pitch of the tail blades to keep the helicopter from spinning out of control.
<b>Should I adjust my Gyro?</b>	No. Please do not adjust your Gyro. They are preset and adjusting will put it extremely out of position.
<b>What happens if I fly my helicopter too long?</b>	If the helicopter has been flown over the recommended time, the battery's capacity may be shorted. Once you notice the helicopter is declining in elevation then that is a sign that the battery is running low.
<b>My motor is spinning but the blades are not spinning.</b>	Check to make sure that the gears are meshing correctly. Also, look for stripped teeth on the gears and make sure the main gear is secured to the main shaft.
<b>Why when I first plug in my helicopter, it loses control?</b>	You must first turn on your Transmitter before plugging in or turning on your helicopter. (Exceptions are Angel 300 & Mini-Wolf & Goblin & Razor 200) which requires the helicopter to be powered on first then the transmitter)
<b>Why is my helicopter not responding to my controls? (Applicable to Infrared Units only)</b>	If your helicopter is INFRARED transmitter and helicopter, and you are flying in bright sunlight or near a bright indoor light, you will lose reception.
<b>Why is my helicopter not responding to my controls?</b>	Check the receiver to make sure you have a solid LED light which means the unit is bound. If you see a flashing LED light, it means unit needs to be rebinded. Please refer to the binding instructions for your specific radio system. If your helicopter runs off a PCB or runs off AM/FM system, inspect the PCB board which also have an LED indication light.

<b>My helicopter runs off a PCB and/or AM/FM system and the LED light is flashing and I have no control surface response.</b>	If your helicopter is running off a PCB, check if it is running on 2.4Ghz radio system of AM/FM radio system. If 2.4Ghz radio system, please refer to radio specific binding instructions. If your helicopter is running off an AM/FM radio system, please inspect the crystals to make sure the frequencies matches, make sure they are in its correct receptacles (Tx crystal for transmitter and Rx crystal for receiver) and to inspect the crystals for any damages.
<b>What do I do if one of my servos are not moving?</b>	Most likely the issue is simple. Check the servo connections to the receiver. Make sure it is securely plugged in and make sure it is plugged in, in the right orientation.
<b>What are the trim setting on the digital transmitter suppose to be?</b>	Throttle trim should always be set at 0% as it may be implemented after helicopter has initialized. All others should be at or around 50%.
<b>Why is my throttle not responding when I power up the item?</b>	Make sure that the throttle stick and throttle trim are all the way down when it initializes. (Do not touch the throttle or throttle trim if it is not completely initialized)
<b>My helicopter is not lifting?</b>	Make sure the battery is fully charged (If it is fully charged and still has that issue try to test the battery with the voltmeter to make sure that it is completely charged)
<b>Why does my helicopter not lift up straight and tips over?</b>	Sometimes lower throttle will cause it to do that. Get it in a hover at least 5 inches off the ground. Use the gimble stick to keep it unit hovering.
<b>Why does my helicopter vibrate?</b>	Make sure the blades are not tight to the point you can not move them with your hand freely.
<b>My helicopter is constantly spinning to one direction or another</b>	Adjust the rudder trim and or the dial knob on the transmitter to counter the direction it is spinning. (If the unit has a 4in1 controller, there is a dial knob on the controller that could adjust the spinning. Applicable to coaxial helicopters).
<b>What do I do if my helicopter is drifting from side to side?</b>	If applicable (depends on model) you can adjust the trim tabs to counter the drifting.
<b>Why does my helicopter do a "swirling" motion?</b>	If you are flying indoors, it is called Rotor Wash. It is because of the thrust/wind produced by the blades bouncing off the walls and furniture. This is normal.
<b>Why is one of my blades higher than the other?</b>	If it is a fixed pitch helicopter, this is normal. IF it is a collective pitch helicopter, you can adjust the ball linkage rods to plus or minus some pitch to match the other blade.
<b>My helicopter's flying fine for a few minutes but suddenly makes sharp turns.</b>	When the helicopter battery runs low, the power shifts between the servos so it would suddenly make sharp turns. To fix this, charge the battery of the helicopter before using it again.
<b>My 3 Channel helicopter's forward/backwards motion seems to be sluggish.</b>	There should be a switch for Q/S meaning Quick and Slow; therefore, flip it to Q to allow better forward/backward response.

<b>My controls are backwards how do I fix that?</b>	There should be 4 settings on the transmitter AIL(1), ELE(2),THR(3),RUDD(4). Flip the switches to its opposite composition (I.E, it is on REV flip it to NORM and Vice Versa.)
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