

### Chapter 1 : HUBSAN X4 INSTRUCTION MANUAL Pdf Download.

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The Q4 Nano quad is designed as an easy-to-use, full-featured RC model capable of hovering, fast forward, and aerobatic flight maneuvers. Please read the manual carefully and follow all instructions in it. Be sure to retain the manual for future reference, routine maintenance, and tuning. Any improper use of this product will result in serious injury. Be aware of your personal safety, safety of others and your surrounding environment. We recommend beginners learn to fly with more experienced pilots playing nearby before attempting to fly the Q4 for the first time. Choose a wide open space without obstacles. Do not operate the Q4 near buildings, crowds of people, high voltage cables, or trees to ensure the safety of yourself, others and your model. Improper operation may cause damage to people and property. To avoid risk of fire or damage, never recharge your battery while it is inserted in the Q4. LiPo batteries are different from conventional batteries in that their chemical contents are encased in a relatively lightweight foil packaging. This has the advantage of significantly reducing their weight, but does make them more susceptible to damage if roughly or inappropriately handled. As with all batteries, there is a risk of fire or explosion if safety practices are ignored: Charge and store LiPo batteries in a location where a battery fire or explosion including smoke hazard will not endanger life or property. Keep LiPo batteries away from children and animals. Never charge the LiPo battery that has ballooned or swelled. Never charge the LiPo battery that has been punctured or damaged. After a crash, inspect the battery pack for the sign of damage. Never charge the LiPo battery in a moving vehicle. Never overcharge the LiPo battery. Never leave the LiPo battery unattended during recharging. Do not charge LiPo batteries near flammable materials or liquids. Ensure that charging leads are connected correctly. Reverse polarity charging can lead to battery damage or a fire or explosion. Have a suitable fire extinguisher electrical type OR a large bucket of dry sand near the charging area. Do not try to extinguish electrical LiPo battery fires with water. Protect your LiPo battery from accidental damage during storage and transportation. Do not put battery packs in pockets or bags where they can short circuit or can come into contact with sharp or metallic objects. If your LiPo battery is subjected to a shock such as a crash, place it in a metal container and observe for signs of swelling or heating for at least 30 minutes. Do not attempt to disassemble or modify or repair the LiPo battery. Store the battery and the Q4 in a dry area at room temperature. Exposure to water or moisture may cause malfunction resulting in loss of responsiveness, or a crash. The blades are capable of inflicting serious body injury or property damage. Be careful to keep your body and loose clothing away from the blades. Never take your eyes off the Q4 or leave it unattended while it is turned on. Stop operating immediately if the Q4 flies out of your view. Once landed, immediately turn off the Q4 and transmitter. We recommend flying with an experienced pilot nearby in case you need help. Broken parts will pose risk of injury and hazard. Severe vibration during flight may detach the plug and result in loss of control. To power off, always turn off the Q4 first and then the transmitter. Improper procedure may cause loss of control of the nano quad. The LED lights up while charging and turns off when charging is complete. The nano quad is equipped with a 3.

## Chapter 2 : Hubsan HD User Manual | First Quadcopter

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Hubsan is a well established RC model manufacturer known for producing good quality aircraft such as the popular X4 Quadcopter. Originally introduced in to the USA market, the Hubsan Q4 is a great quadcopter for beginners learning to fly. Specifications The Hubsan Nano Q4 quadcopter model number H has a diagonal wheelbase of 45mm, a height of 10mm and a flying weight of The frame of the quadcopter is provided by a single printed circuit board that houses the four brushed motors, mAh battery and flight electronics. There are red and blue LEDs placed at the corners of the quadcopter for orientation and flying in low light. As is the standard for micro quadcopters of this tiny size, the Q4 uses four brushed motors, rather than the brushless motors seen on larger multirotors. Also included is a 4-channel mode 2 miniature 2. Unboxing Opening up the package the Q4 arrives in is a straight forward affair with the components held inside on a cardboard tray. In addition to the Q4, the box contains the transmitter, USB charging cable, spare propellers and the instruction booklet. The pictures below show the retail packaging and box contents click to enlarge: The propellers are colour coded and the instruction manual provides an illustration how they need to be fitted. There are no propeller guards included with the standard Q4, however the stock Estes prop guards part ESTE are a compatible aftermarket add-on. After fitting the propellers the next step is to install two AAA size batteries in to the transmitter. Once everything is assembled, the quadcopter will need to be charged for the first time using the USB charging cable. The first charge out of the box should only take a few minutes, whereas a full recharge after a flight takes around 30 minutes. As can be seen from the photos, the Q4 is exceptionally small measuring just 45mm diagonally. This makes the Q4 a great first quadcopter for someone wanting to learn multirotor flying in a progressive way starting with something low cost. The transmitter also has trim switches and a switch to control the amount of auto-levelling that is applied. Flight Performance After spending some time flying the Q4 indoors I was impressed with how stable and accurately the Q4 flew. The integrated flight controller does a good job of keeping the Q4 stable. The 1S LiPo battery provides between two and five minutes of flying time, which is reasonable considering the tiny size of both the quadcopter and the battery pack. Flying the Q4 outdoors works only when the wind conditions are dead calm, as it is easily pushed around by the wind. Caution is advised when flying outdoors as a bit of wind can make the Q4 disappear in to the distance surprisingly quickly! The Q4 is certainly best suited to indoor flight. A special sequence of rapid stick movements instruct the Q4 to perform automated flips and rolls. I found these worked really well but required a good amount of space particularly altitude as the exit point was usually several feet lower than the entry point. The small propellers seem to be robust and the Q4 was unscathed after several hard landings and collisions. I needed to carry out this procedure on the Q4 after the first flight to get the best flying experience. Conclusion Overall the Q4 is a great micro-class quadcopter which has good performance and a very attractive price for an RTF package. It is easy to fly indoors and well suited to the beginner pilot. The use of standard four channel controls makes the Q4 a perfect first quadcopter to learn to fly with. It is also great fun for the more experienced multirotor pilot with the inclusion of an expert mode and acrobatic features. Flight times were quite short at no more than 5 minutes with a long recharge time at around 30 minutes due to the low current charge rate provided over the USB cable. The very small transmitter took some getting used to while flying, and is likely to be problematic for pilots with large hands, which is definitely something to consider before buying the Q4. The X4 is a little bigger, which means it is more capable at flying outdoors, and comes with a larger more comfortable remote control transmitter. In summary the Q4 is a very good quadcopter at the entry level of the market, with no major drawbacks.

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Have a rotorcraft that has two or more horizontal rotors? Bicopters, Tricopters, Quadcopters, Pentacoverters, Hexacoverters, Octocoverters, indeed any non-fixed-wing aircraft is very welcome here. Rules 1 - Be civil. Treat others with respect. Harassment of others is strictly forbidden. It is entirely possible to convey a differing opinion, without personally attacking others. If you think something contributes to conversation, upvote it. If you think it does not contribute to the subreddit or is off-topic, then downvote it. If you think your question might have been asked before, then be sure to have a read through the wiki and search the subreddit to see whether there is already an answer out there. We are also going to trial the use of our own affiliate link for banggood, to see whether there is any benefit and if prizes for future competitions, can be generated through this. Make sure you participate in the community. Make sure that you check your post, to see whether automod has been able to correctly flair it. If not, then please add your own. This helps people be able to search for the content they are after. To try and limit the number of low-effort posts, if posting a photo, video or link, you must include a relevant comment to start the conversation. This includes reviews where you have received products for free, or if you are affiliate linking to products in your YouTube video. Please also refer to rule 7. Report the post or comment using the "report" button just below the post or comment each has their own. Misuse of the report button, will result in being banned. Depending on the individual case, there will be escalating outcomes, with a permanent ban being the final one. We strongly recommend you check out some prior reading to help understand the concepts of building, maintaining, flying and working with multicopters. Feel free to introduce yourself, look around and ask any questions you might have. There is plenty of information scattered around various forums and references online, but we like to think we have a great consolidated starting point right here in the wiki.

### Chapter 4 : Can't set up my first ever RC: Hubsan Q4 (Video Added) - RC Groups

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*1 INTRODUCTION Thank you for buying HUBSAN products. The Q4 Nano quad is designed as an easy-to-use, full-featured RC model capable of hovering, fast forward, and aerobatic flight maneuvers.*

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*Hubsan X4 Pro Instruction Manual Camera Instruction Manual Parachute Instruction Manual HD camera module. INTRODUCTION The Hubsan Pro consist of quad copter, camera.*

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