For age 14+

Denver DCH-350

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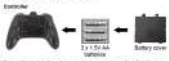
Please read this instruction manual carefully before using the product

ENGLISH
Python
1 Instructions
Please read the user manual/book carefully and from time to time refer to it as a safe place for future consultation and maintenance.
1.1 Important Notice
(1.) This product is not a toy, it's a piece of complicated equipment which integrated with professional knowledge by mechanic, electric, air mechanic, high frequency transmitter and so on, so it should be installed correctly and adjusted to avoid any accidents.
The owner must strictly operate it in a safe manner. If improper operation that caused human injured or property damage, then we DENVER ELECTRONICS A/S accept no liability for any safety duties from operation. As we have no control over the way they operate and use the product.
(2.) This product is not suitable for users under 14 years of age.
(3.) The use of the drone may not prohibited in some areas like bare airplane, airports, aircrafts, crowded areas etc. You should check with the authorities whether the use of the drone is permitted in some public or private areas. Always use the drone bearing in mind not to breach people's privacy. We exclude liability for any losing one of the drone.

(4.) We DENVER accept no liability for any safety duties or lines arising from operation, usage or misuse/out after the sale of products. (Namely does not cover if drone crashes and get damaged.
1.2 Safety Precautions
Keep away from crowd when flying, since drone flight is a high risk hobby. Misoperation or broken outer blame or defective electronics equipment or unskilled operation may cause accidents of machine damaged or injured. Please pay special attention to safety operation.
(1.) Keep away from sundry and obstacles.
"The flying speed and radius of the drone is uncertain, so it may cause potential danger."
When choosing a flying site should stay away of buildings, trees and power lines. AVOID flying in or near crowded areas. Meanwhile avoid flying in rain, storms, thunder, and lightening to protect electronics and parts out of damage.
(2.)Keep away from found environment.
Inside of drone is made up of precise electronic components. Stay away from humidity or water vapor to protect machinery and parts.
(3.) Safety operation
Please fly your drone according to your physical status and flight skill. Fatigue, drowsiness and mis-operation will increase possibilities of accidents/crashes.
(4.)Keep away from rotating blades
Keep your face and body as well as all operations away from the rotating blades. The spinning blades of a model of the type can cause serious injury.
(5.)No movement flying the drone below 10 meters of height.
(6.)Keep away from heat
Autonavis made up of metal, fiber, plastic, electronic components, etc. Keep it away from heat and sunshine to avoid distortion, and damage.
1.3 Crash Low Battery Free Flight
(1.)Flying field should be in an open space and no luggage at least 5M length *5M wide *3M height
(2.)Make sure the receiver and transmitter is fully charged.
(3.)Please strictly obey the order of turn on, turn off buttons operation. When starting one flight, first turn on the transmitter, and connect the battery with drone last. When finishing one flight, please disconnect the battery from your drone first, turn off transmitter last.
An upset in the order of connections may cause your drone loose control to threaten yourself and others safety. Please follow such set table of turn on and turn off.
(4.)Make sure the connection is solid between battery or motor. The ongoing vibration may cause bad connection of power terminal and make the drone unsupportable.

Battery Installation & Charging

Controller



To install batteries: Open the cover of battery case, insert 3 x 1.5V AA batteries, according to indicated polarity (batteries not included).
Battery installation should be done under adult supervision only!
Do not mix old and new batteries.
Do not mix different types of batteries.

Charging

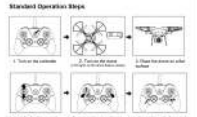
Connect one side of the USB connector with the battery, and the other side into any USB port of computer or a smartphone charger (not included).

Drone

Replacing the damaged blades:
Your set will come with 4 spare rotors, two type A (cw) and two type B (ccw). You will see the "A" and "B" mark on the canopy, then put the rotor on the motor accordingly.

Remote Control

Standard Operation Steps



1. Turn on the controller
2. Turn on the drone and place it on the level ground
3. Place the drone on other surface
4. Push the throttle up and down, a beep will sound and the LED lights will flash at the same time
5. To start motors in 2 methods: a. Push the throttle to the top left corner of the controller. b. Press button. **Start motors**
6. Push the throttle to the bottom left corner of the controller, the motors will stop at the same time
7. Press Flips (R), drone flips up and forward, any flips/height can be set. Press Flips (R) on the ground and motors stop. Press (Emergency) shutdown any and drone fall down directly

Calibration Reset (Very important!)

Before first flying / Calibration Reset is necessary to the drone,
to make sure the drone is fly stably. Pull the throttle and rudder to **bottom Left corner** at the same time for 3 secs, the LED lights on the drone flashes quickly, then let go the throttle and rudder.
The LED lights on the drone stops flashing and keeps on.
Calibration Reset complete.

Headless Mode

Multi / Solo Headless Mode
Press the button on controller (as picture) you will hear beep sounds, then you get into headless mode and lights flash on the drone. Press it again to quit.
In this moment when you start headless mode, the direction that controller is pointing, is will be fixed as the direction of drone. No matter how you rotate the drone, the front direction won't change accordingly.

One Key Reverse

Press and hold this button (as picture), and you will activate
One Key Reverse and the drone will rise/ descend to fly back towards its starting direction.
If you need to deactivate this mode: then push the right joystick «Rudder» to any direction.
Note: The drone will not land automatically, you still need to control the height of the drone when using this one key reverse flying mode.

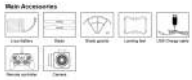
Take Photo & Video

1. Insert the micro SD card correctly into the camera when the drone is OFF.
2. Connect the camera to the drone by the standard power wire.
3. Power on the drone and camera it is the remote controller as per "Standard Operation Steps".
4. When the drone is in the air, press the **PHOTO** button, then one photo will be taken and saved into the microSD card (NOT included!) automatically. Meanwhile, the indicator light inside the camera makes a quick flash.
5. Press and hold the **VIDEO** button, the camera will start recording and the indicator light inside the camera keeps flashing. Press it again, the video will be saved into the microSD card and camera stops recording.
6. To enjoy the photo and video captured, power off the drone first and remove the microSD card from camera, then connect it to any computer.

Flips and rolls

After you have the basics of flying, you're ready to learn flip and roll your drone.
To perform a flip or roll, press the **Flip** button, make sure the drone is at least 2 meters off the ground and quickly push the Rudder in either direction to make the drone flip or roll.
Once the manoeuvre is completed, steady the drone.

Main Accessories



Please notice - All products are subject to change without any notice.
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Electric and electronic equipment and included batteries contains materials, components and substances that can be hazardous to your health and the environment, if the waste material (discarded electric and electronic equipment and batteries) are not handled correctly.

Electric and electronic equipment and batteries are marked with the crossed out trash can symbol, as shown. This symbol signifies that electric and electronic equipment and batteries should not be disposed of with other household waste, but discard for disposal separately.

As the end user it is important that you submit your used batteries to the appropriate and designated facility. In this manner you make sure that the batteries are recycled in accordance with legislature and will not harm the environment.

All cities have predestined collection points, where electric and electronic equipment and batteries can either be submitted free of charge at recycling stations and other collection sites, or be collected from the households. Additional information is available at the technical department of your city.

Hereby, Inter Sales A/S declares that the radio equipment type DCH-350 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: Please enter - www.denver-electronics.com and then click the search (Q) in section of products. Write model/version: dch-350. Next enter product page and red-directive is found under declaration/other downloads.
Operating Frequency Range: 2.4GHz - 2472.4B.h
Max Output Power: 20 dbm

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