

GETTING TO KNOW YOUR QUADCOPTER FEATURES

HEADLESS MODE

Quadcopters generally have a front and back indicated by LED lights or colored propellers. Before take off, users are instructed to position the head of the quadcopter away from the user. When flown in daylight or at a far distance, determining which side is the front or back becomes difficult.

What is Headless Mode?

The Headless Mode feature allows the user to operate the quadcopter without worrying about the orientation. This feature is great for beginners as it reduces the steepness of learning curve. By default, quadcopters are in Non-Headless Mode.

How does Headless Mode work?

The algorithms inside of the quadcopter's micro-controller ensure that every turning change is compensated. For example, with Headless Mode turned ON, after proper take off, if the user turns the quadcopter 90 degrees to the left, it'll still go forward when you push the rudder (right stick) forward. NOTE: When headless mode is OFF, this would make the drone go left.

To turn on Headless Mode:

Prerequisite: Position your quadcopter so **it's front is your front.**

- Press the Headless Mode button. The LED light of your drone will turn OFF signaling that the Headless Mode is ready.

To turn off Headless Mode:

- Press the Headless Mode button again. The LED light of your drone will turn ON, signaling the Headless Mode is now off.

NOTE: When the Headless Mode is on and the direction and angle of the drone is imbalanced, you can turn off the headless mode, restart it, and the direction and angle will recover to its normal status.

RETURN HOME FUNCTION

What is the Return Home Function?

The Return Home Functions allows users to bring their quadcopter back home automatically by pressing and holding the Return Home button.

IMPORTANT: The Return Home Function is only available when the quadcopter is in Headless Mode.

How Does the Return Home Function Work?

When the Return Home button is held down, the quadcopter will recognize the signal from the transmitter and start making it's way back toward the transmitter.

How to use the Return Home Function?

Prerequisites: Put the quadcopter in Headless Mode (front white light is OFF) and make sure when flying, the quadcopter is within range of the transmitter. Do not move from the launch point.

- To automatically bring home your quadcopter home, press and HOLD the Return Home button until your quadcopter has returned.
- To stop the drone from returning, move the stick forward/backward and left/right.

IMPORTANT: Make sure that the Return Home button is held down until your quadcopter has returned. If the Return Home button is simply pressed and released, the Return Home function will not work. There is a possibility that the quadcopter will continue on its course or may fly away in a different direction.