

Heli-MAX[®] 1Si[™] Advanced Features

How to start in the “Actual Direction Control” Mode

1. Turn on the transmitter and lay it down so the antenna is pointed at the LED on the back of the 1Si as shown in the photo to the right. Connect the flight battery to the quadcopter. Do not move the 1Si or the transmitter until the LED stops flashing and is steady. This procedure will help the 1Si to maintain the correct orientation while in flight or returning to home position.



2. Press the “ICM” button on the top left corner of the transmitter and hold it down for at least 3 seconds. When the LED on the back of the 1Si starts flashing slowly, the quadcopter is now in the “Actual Direction Control” mode.



3. Before advancing the throttle to take off, hold the transmitter so the antenna is pointed at the LED as described in step 1. Keep the antenna pointed at the quadcopter at all times to help the 1Si to determine its position while in flight.

Entering the Adjustment Mode

1. Turn on the transmitter and connect the flight battery to the 1Si. Wait for the transmitter to link with the quadcopter (rear LED is steady).

2. Press down on the right stick and hold it down so the transmitter will start to beep.



3. Press down on the left stick 4 times and release both sticks. Push up once on the elevator trim button and watch the trim indicator on the transmitter display. If the trim indicator does not move, the transmitter is in the adjustment mode.

1Si Trim Adjustment

If the 1Si will not remain steady while hovering, this procedure should be used to trim the quadcopter.

1. Enter the Adjustment mode as described earlier.

2. The quadcopter should be hovered about three feet above the floor in a calm area without any wind or drafts. Release both sticks for a second or two and observe the 1Si's behavior. If the quadcopter drifts forward or backward, move the elevator trim in the opposite direction until the model remains in place. Use the aileron trim below the right stick in the same manner to correct for any drifting side to side.

3. Press down on the left stick to exit the Adjustment mode when the quadcopter has been trimmed.



Auto Return Speed Adjustment

1. Enter the Adjustment Mode as described earlier.

2. Push the rudder trim button left to increase the return speed. The longer the button is held to the left, the faster the LED on the 1Si will flash. The tone will increase in pitch to indicate that a higher return speed is being selected. When the LED stays on, the highest speed has been selected. Moving the button to the right will reduce the return speed. The LED will flash slower and the tone will reduce pitch to indicate the speed selected. When the LED turns off, the lowest speed has been selected.

3. Press down on the left stick to exit the Adjustment mode when the desired speed has been selected.

