- 3-Channel - Gyroscopes System Included
Function: Up, Down, Forward, Backward, Left / Right Turn, With Controlled Light.

i-copter
(Instruction manual)

Available on the App Store
Parts

Helicopter

Transmitter

Link Connector

Spare tail propeller

transmitter USB charge

helicopter USB charge
Operation step

1. Go App Store
2. Search "SYMA" down load & install
3. Click "Go"
4. Turn on the helicopter
5. Go into icon troller interface
6. Insert transmitter

Turn "ON"

1. Dial phone volum to maximum
2. Move throttle stick
3. Trimmer adjust
4. Direction control
Enter choice interface

Please chose your device!!!
iController interface function names:

- ID Select
- Move motion select
- Direction stick
- Throttle stick
- Interface rotate
- Backtrack
- Power switch
- Trimmer
Function details

1. ID Select

   A

   Select (A, B) channel

   B

   Helicopter from "OFF" to "ON"

   Helicopter will fix the ID automatically

   Move the throttle stick check the helicopter

2. Move motion select

   Move motion control "ON"

   Move motion control "OFF"
4. Trimmer

Press this button to adjust the helicopter not right rotation

Press this button to adjust the helicopter not left rotation

Charge

1. First insert USB socket to computer USB jack.
2. Connect USB to the charging slot on the transmitter, transmitter red indicator lighting up. Once charging is complete, the lights should go off.

3. Switch your helicopter power to OFF. Connect USB to the charging slot on the side of the helicopter. USB remains being lighting-up during charging time. Disconnect them when USB lights off.

⚠️ Cautions:
When the transmitter is flashing blue light indicates no power. You should charge the batteries immediately.
Install emitter

Bind and install the transmitter to your cell phone in the direction as shown in the arrows.

⚠️ Cautions:
Make sure the transmitter is correctly bound with your cell phone before installation. Otherwise, unexpected failure or wrong signals will come.

Control methods

Control range: The control range of the helicopter is about 6 meters. Please avoid to overstep this control range, otherwise the helicopter can be out of control.

Warning: Do not fly in airflow from air-conditioner, electric fan or vent-pipe. When the helicopter is out of range, you will not be able to control it.

Flying time: On a full charge and in low wind conditions, the helicopter will fly for more than 5 minutes, if you find that the helicopter fly below one minute, please startup the helicopter after recharging the batteries.
1. Ascending
When you push up the throttle stick, the spinning speed of the main rotor is increase and the helicopter begin to ascend.

2. Descending
When you push down the throttle stick, the spinning speed of the main rotor is decrease and the helicopter begin to descend.

3. Turn left
When the direction stick is moving to left, the nose of the helicopter turns to left.
4. Turn right
When the direction stick is moving to right, the nose of the helicopter turns to right.

5. Forward
When you push up the direction stick, the nose incline to down, the helicopter is moving to forward.

6. Backward
When you push down the direction stick, the nose incline to up, the helicopter is moving to backward.
Move motion control

Switch to "move motion" control, push up the throttle stick, swing your hands according to the following indicate the direction of helicopter:

1. Turn left
   ![Diagram of left turn]

2. Turn right
   ![Diagram of right turn]

3. Forward
   ![Diagram of forward motion]

4. Backward
   ![Diagram of backward motion]
Support list

- All Apple's product
  - Iphone, iPod touch, iPad

Cautions

1. When the battery in the transmitter or the helicopter runs low, the control distance will be reduced.
2. The biggest control radius of the helicopter is 6 meters, please uses in 6 meters area, otherwise the helicopter can be out of control when it overstep this area.
3. The helicopter will take off difficulty or the height of fly is not enough when with weak dry batteries.
4. If the helicopter was damaged, distortion, please repaired in time. Do not fly such as the rotor serious damaged or broken, otherwise it will cause injured.
5. Do not make the helicopter crashing or serious strike from upper air, this may damage the helicopter or reduce the helicopter lift.
## Trouble shooting

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Cause</th>
<th>Correction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propeller can’t move.</td>
<td>• ON/OFF switch is OFF.</td>
<td>• Set switch to ON.</td>
</tr>
<tr>
<td></td>
<td>• Weak battery.</td>
<td>• Re-charge the battery pack.</td>
</tr>
<tr>
<td>Suddenly stop and drop down when flying.</td>
<td>• Weak power.</td>
<td>• Re-charge the battery pack.</td>
</tr>
<tr>
<td>The helicopter does not react. Lose the control.</td>
<td>• Channel selection on transmitter is not correct.</td>
<td>• Reset the correct channel.</td>
</tr>
<tr>
<td></td>
<td>• Another infrared control device using the same channel.</td>
<td>• Avoid these if possible, or choose another place to operate the helicopter.</td>
</tr>
<tr>
<td></td>
<td>• Affected by strong lighting.</td>
<td>• Change another environment to avoid direct lighting.</td>
</tr>
</tbody>
</table>