The manual suit for every color scheme of Hobbyking MXS-R.

The manual only choose one color scheme as an example.

The manual is only for reference, all is according to the actual product. We can't note if any improvement or upgrade.
Catalogue

1 Product Introduction
3 Assemble Instruction
10 Center of Gravity
11 Assemble Structure
Main Specifications

Material: EPO
Fuselage Length: 720mm (28-5/16")
Wingspan: 800mm (31-1/2")
Flight Weight: 640g (22.57 oz.)
Thrust: 1600g (56.43 oz.)
Wing area: 10.5 sq dm
Motor Size: 2831-1400 KV
Prop Size: 7*6E
Recommended Battery: 4S 1600mAh 25C
ESC: 35A ESC (1pcs)
Servos: 9g servo.
Landing Gear: YES
Aileron: YES
Elevator: YES
Rudder: YES
Throttle: YES

Open box and check carefully all parts.
## Accessory Bag Content List

### PNP Version

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Specification</th>
<th>Qty.</th>
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<tbody>
<tr>
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<td>Spinner Set</td>
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<tr>
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<td>Propeller</td>
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</tr>
<tr>
<td>5</td>
<td>Rudder fixing</td>
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### Spare Parts Bag 2

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<tr>
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<td>2</td>
<td>Screw Driver</td>
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<td>3</td>
<td>Adhesive Velcro</td>
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<tr>
<td>4</td>
<td>&quot;Y&quot; Wire</td>
<td>100mm</td>
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<td>5</td>
<td>Clevis</td>
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<tr>
<td>6</td>
<td>Servo Metal Wire (Main Wing)</td>
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<td>7</td>
<td>Servo Metal Wire (Rudder)</td>
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<td>8</td>
<td>Servo Metal Wire (Elevator)</td>
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### Spare Parts Bag 3

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<td>Screw</td>
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<td>Spacer</td>
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<tr>
<td>7</td>
<td>Screw Nut</td>
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1. This is not a toy. It is for experienced modelers only. You are responsible for the safe operation of this model and any damage of harm it may cause.

2. Before flying the MXS for the first time. Please read through the instructions carefully and make sure that your radio equipment is working properly and has been range tested prior to flight.

3. Young people under the age of 14 should only be permitted to operate this model under the instruction and supervision of an adult with modeling experience.

4. Please keep these instructions for future reference after completing model assembly. They contain information critical to the safe operation of this model.

5. If you have any further questions regarding the safe operation of your RC model, please contact your local hobby shop, flying club, or HobbyKing for professional help and advice.
Install

Note:
1. When install, please read the manual carefully. If you have any questions, kindly contact with your distributor, or contact us.
2. The manual is only for reference, all is according to the actual product. We can’t note if any improvement or upgrade.
3. Before install, please refer to P11, check correctly the screw position.

Install Rudder

1. As the right photo shown, prepare these spareparts.

2. Insert the rudder into the fuselage as the arrow direction.

3. Turn over the fuselage, put the rudder fixing plastic parts.

4. Screw and fix the rudder.
5. After install, as the right photo shown.

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**Install Main Wing**

6. Prepare these spareparts.

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7. Insert the left/right main wing, after a voice "KA" it means install successful.

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8. Turn over fuselage, insert the main wing into fuselage.
9. Check the fuselage and main wing.

10. Put "main wing fixing plastic part 1".

11. Put "main wing fixing plastic part 2".

12. Remove landing gear from parts bag, insert it into "main wing fixing plastic part 1".
13. Lock it by screw to fix main wing and landing gear.

14. After install, it is as the right photo shown.

**Install Elevator**

15. Insert left elevator into rudder.
16. After install, it is as the right photo shown.

17. Insert right elevator into left elevator plug.

18. After a voice "KA", it means install successful, it is as the right photo shown.

**Adjust servo to be center**

19. Loose rudder/elevator metal wire fixing screws.

20. Buckle the rudder/elevator metal wire chuck into servo arms.
22. When elevator is in center, lock the screw tightly.

23. When rudder is in center, lock the screw tightly.

24. It is as the right photo shown.

25. Through adjust the metal wire chuck to be center, as the right photo shown.
26. Connect left/right main wing servo by "Y" wire to be one channel.

27. It is as the right photo shown.

28. Put the battery into the nose of canopy and confirm CG is correct.

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Install Propeller

29. Please refer to the following drawing and install propeller, after install, it is as the right photo shown.
Center of Gravity

The correct CG is very important for our first flight. Check your MXS-R CG as follow picture:
Additional One

Screw Nut (M4)

Screw (PA2.3*8mm)

Spacer (M4)

Screw (PA3*18mm)

Screw (PA3*10mm)

Rudder fixing plastic part

Screw (PA2.6*10mm)

Main wing fixing plastic part 1

Main wing fixing plastic part 2

Item No.: HF-02
MXS-R
Operating instruction of Radio Control

1. Radio control include the transmitter and receiver.

2. Radio control function introduction.

3.2.4G Radio control frequency method.

**Note:** the radio control has been established on the frequency treatment in factory, could use directly. In exceptional case, it need re-adjust frequency, please set as following:

- Press on the receiver frequency switch,
- While press on the receiver frequency switch, the receiver power on.
  (Now, the receiver frequency signal light should be continue flashing.)
- Turn on the transmitter power switch
  (Now, in transmitter panel, red light, yellow light, green light will be continue flashing)
- Stop to press on the receiver frequency switch
- After the success of the frequency, the receiver frequency signal light is on, not flashing.
  The transmitter signal light is on, not flashing, it transformed to battery signal light
Have Fun!
We hope that you have many pleasant flights with your MXS-R!