

X-4HL

4-Channel 2.4G Digital Proportional Radio System INSTRUCTION MANUAL

- Thank you for purchasing our R/C system.
- Before using, read this manual carefully.



WARNINGS

- The product is not intended for those under 14 years of age without proper adult supervision. The product is not a toy. It is a precision machine requiring proper assembly and setup to avoid accidents and it is the responsibility of the owner to operate this product in a safe manner as it can cause serious personal injury or damage to property due to carelessness or misuse.
- The spinning rotors on this product can be dangerous! When operating/flying, always be aware of the spinning rotors. Be careful not to let them come close to your body, other people or loose clothing. Keep your hands, fingers and any articles of clothing away from the rotors.
- Do not attempt to disassemble or modify any of the product components without the assistance of an experienced RC user. Only use the correct type of battery to operate. Using any wrong type of battery will damage the product and possibly make it dangerous to operate.
- The motor(s) may get hot during use. Always allow 10-15 minutes between each flight for the motor to cool down. This will prolong the life of your product.
- Choose an appropriate operating site consisting of flat, smooth ground, and clear open field. Do not operate near buildings, high voltage cable lines, or trees to ensure safety operation. Operate in safe area only, away from other people. RC models are prone to accidents, failures, and crashes due to a variety of reasons including, lack of maintenance, pilot error, and radio interference. Pilots are responsible for their actions and damage or injury occurring during the operation.
- Do not operate in inclement weather, such as rain, wind, snow and darkness.
- The product is composed of precision electrical components. It is critical to keep the product away from moisture and other contaminants. Do not allow them to get wet. Electrical damage may occur that could affect safe operation.

2.4G FHSS Technology

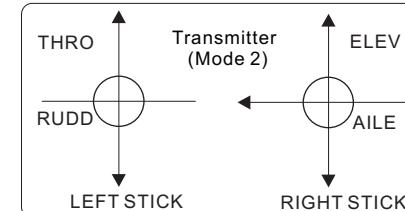
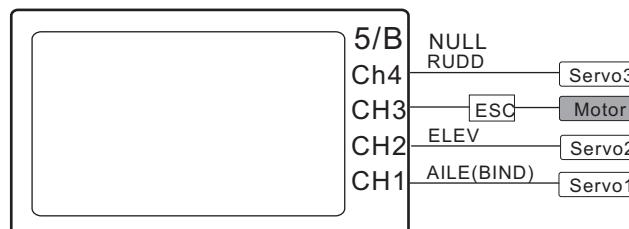
2.4G Binding

1. The Binding processing

Turn on the transmitter, then connect the power of receiver keeping the receiver "BIND" button till the light turn on GREEN which means the binding is successful. After that, it's unnecessary to bind again.

Caution: make sure the RX and TX is within one meter, and around 10 meters no similar device.

If the light flashing, showing the binding failure, please do again as above indication.



Receiver channel distribution:
Ch1: Aileron
Ch2: Elevator
Ch3: Throttle
Ch4: Rudder

Technology Data

Transmitter

Item:X-4HL
Channels:4
Resolution:4096
Frequency:2.4GHz ISM Frequency range
Modulation:GFSK
Spread Spectrum Mode: FHSS
Number of frequency channels:20
Hopping rate:240 Jump / S
Output Power:<=20dBm
Working current:<=150mA
Working voltage:1.2Vx4 NiCad /NiMH
Dimensions: 200 mmX185mmX105mm

Receiver

Channel: 5
Frequency:2.4G ISM Frequency range
Spread spectrum mode: FHSS
Power: 4.5-5.5V/<30mA
Net weight:11g
Measurement: 41*28*14mm

FCC Radiation Exposure Statement

The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be collocated or operating in conjunction with other antenna or transmitter.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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