

X-4

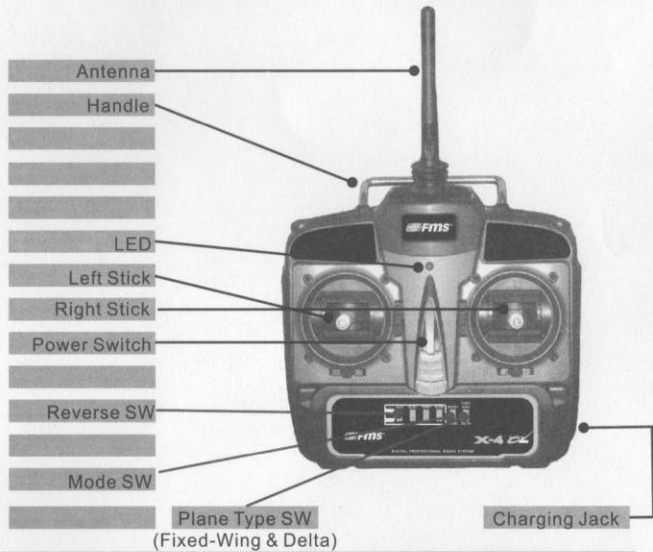
FMS

2.4GHz FHSS Technology

Perfect Appearance Excellent Performance

4-Channel 2.4GHz Digital Proportional Radio System

INSTRUCTION MANUAL



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 and 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.

• After each use, always allow the battery to cool down before recharging. When charging the battery pack, do not overcharge! If batteries get hot during charging, discontinue charging immediately and disconnect the battery from the charger. Never leave battery unattended while charging. If you are unsure of how to charge this battery, please seek the advice of experienced RC users. Never let children charge the battery without adult supervision.

• Always turn on the transmitter before connecting the battery on the model. When turning off the model, always disconnect the battery first, and then turn off the transmitter. If the order is reversed, the model may become uncontrollable and cause serious damage.

• If you are in doubt of your ability to operate the model, we strongly recommend that you seek assistance from experienced RC users or join your local model flying club to gain the required knowledge and skill. As the manufacturer and distributor, we assume no liability for the use of this product.

• Before turning on your model and transmitter, please check to make sure no one else is operating under the same frequency. Frequency interference can cause your model, or other models to crash. The guidance provided by experienced RC users will be valuable for the assembly, tuning, trimming, and actual first flight.

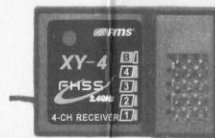
• Never allow batteries to run low or you might lose control of the model.

• You should complete a successful pre-flight check of your radio equipment and model prior to each flight.

• Plastic is very susceptible to damage or deformation due to extreme heat and cold climate. Do not store the model near any source of heat such as oven or heater. Store the model indoors, in a climate-controlled, room temperature environment.

Transmitter/Receiver Binding

Turn on the transmitter. Connect the power of the receiver, then press the "BIND" button on the receiver until the LED light turns GREEN (indicating the binding process is completed successfully). Please position the transmitter and receiver within one meter, and there isn't similar device within 10 meters during the binding process. If the LED flashes rapidly (indicating the binding process fails), please restart the binding process again.



Connection Diagram(For DELTA)

Switch	Switch 1	Switch 2	Switch 3	Switch 4	Switch 5	Switch 6
Reverse	Aileron Reverse	Elevator Reverse	Throttle Reverse	Rudder Reverse	Mode1 Mode2	Fixed-Wing Delta

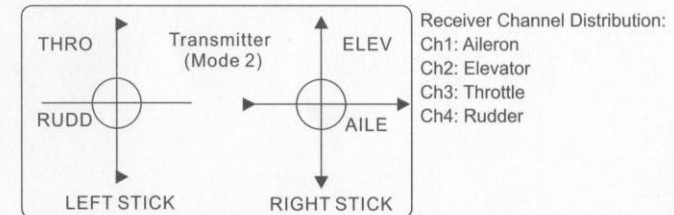
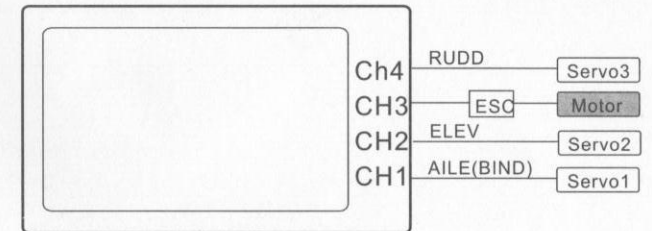
- Receiver channel distribution: CH1: Aileron ; CH2: Elevator ; CH3: Throttle ; CH4: Rudder;
- Switch to "DELTA" position and enter DELTA mode, aileron and elevator is mixed, as for triangle planes, tailless planes.

Transmitter	Receiver Channel Mixing	
Stick	Ch1	Ch2
Aileron Stick	+50%	+50%
Elevator Sticker	+50%	-50%

Connection Diagram(For FIXED-WING)

- Switch To "FIXED-WING" Position And Enter Fixed-Wing Plane Mode.

Switch	Switch 1	Switch 2	Switch 3	Switch 4	Switch 5	Switch 6
Reverse	Aileron Reverse	Elevator Reverse	Throttle Reverse	Rudder Reverse	Mode1 Mode2	Fixed-Wing Delta



Technology Data

Transmitter

Item: X-4
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: 1.2VX8 NiCad/NiMH
Dimensions: 189mmX213mmX88mm
Net Weight: 410g

Receiver

Channel: 4
Frequency: 2.4G ISM Frequency Range
Spread spectrum mode: FHSS
Power: 4.5-5.5V/<30mA
Net weight: 11g
Measurement: 40.4*26.4*13mm