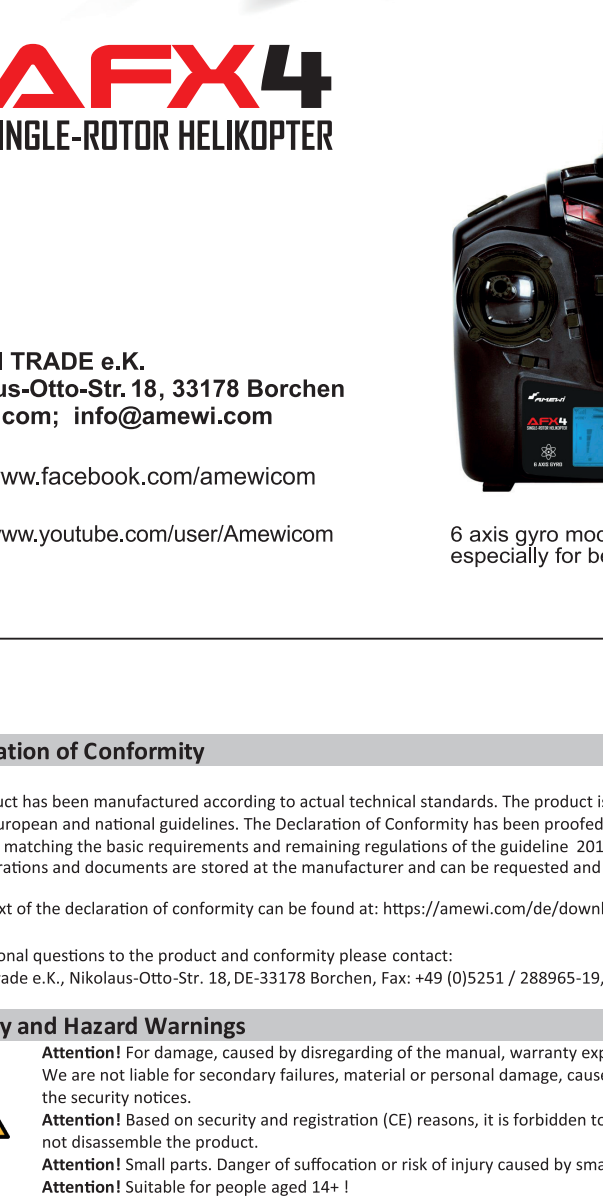


INSTRUCTION MANUAL

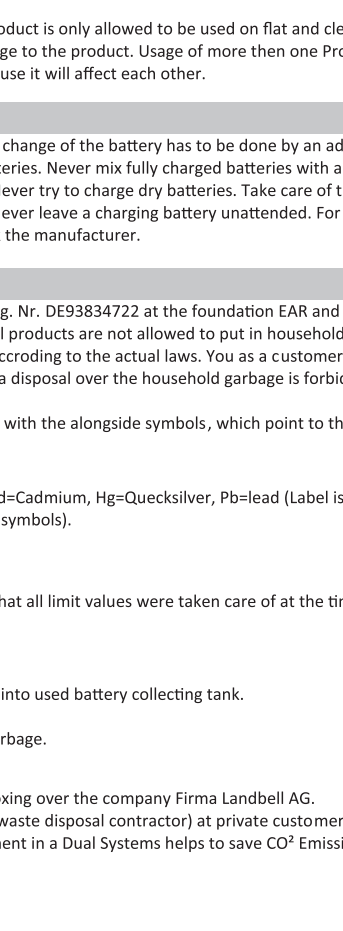


AFX4 SINGLE-ROTOR HELICOPTER

AMEWI TRADE e.K.
Nikolaus-Otto-Str.18, 33178 Borcheln
amewi.com; info@amewi.com

www.facebook.com/amewicom

www.youtube.com/user/Amewicom



6 axis gyro mode, flying ultra-stable, especially for beginners flight

Declaration of Conformity

This product has been manufactured according to actual technical standards. The product is matching the requirements of the existing European and national guidelines. The Declaration of Conformity has been proofed. AMEWI Trade e.K. declares that this product is matching the basic requirements and remaining regulations of the guideline 2011/53/EU (RED). The declarations and documents are stored at the manufacturer and can be requested and applied there.

The full text of the declaration of conformity can be found at: <https://amewi.com/de/downloads/index/search/>

For additional questions to the product and conformity please contact:
AMEWI Trade e.K., Nikolaus-Otto-Str. 18, DE-33178 Borcheln, Fax: +49 (0)5251 / 288965-19, Email: info@amewi.com



Security and Hazard Warnings

Attention! For damage, caused by disregarding of the manual, warranty expires!
We are not liable for secondary failures, material or personal damage, caused by improper usage or disregarding of the security notices.

Attention! Based on security and registration (CE) reasons, it is forbidden to modify the product personally. Do not disassemble the product.

Attention! Small parts. Danger of suffocation or risk of injury caused by small parts.

Attention! Suitable for people aged 14+!

The product is not allowed to get moist or wet. The product is only allowed to be used on flat and clean surfaces. Even a drop down from a small height can cause damage to the product. Usage of more than one Products of same Frequency at the same time is not possible, because it will affect each other.

Battery Notice and Battery Disposal

Attention! Batteries do not belong in children's hands. A change of the battery has to be done by an adult person. Never mix chargeable batteries with non-chargeable batteries. Never mix fully charged batteries with almost empty batteries. Never mix batteries of different capacities. Never try to charge dry batteries. Take care of the correct polarity. Defective batteries belong to special waste. Never leave a charging battery unattended. For questions about the charging time please read the manual or ask the manufacturer.

Disposal
The company AMEWI is registered below the MEEG Reg. Nr. DE93834722 at the foundation EAR and recycles all used electronic parts properly. Electric and electronic products are not allowed to put in household garbage. Please dispose the product at the end of the lifetime according to the actual laws. You as a customer are responsible by law for the return of all used batteries, a disposal over the household garbage is forbidden!

Batteries containing hazardous substances are marked with the alongside symbols, which point to the prohibition of disposal in household garbage.
Additional notations for the critical heavy metal are: Cd-Cadmium, Hg-Quecksilber, Pb-lead (Label is placed on the notations, for example below the bottom left trash symbols).

Based on RoHS labeling the manufacturer confirms, that all limit values were taken care of at the time of manufacturing.

Batteries labeled with the recycling symbol can be put into used battery collecting tank. (Most supermarkets have)

They are not allowed to be put into local household garbage.

AMEWI Trade e.K. is involved in the dual system for boxing over the company Firma Landbell AG. All used boxes are collected from partner companies (waste disposal contractor) at private customers (local household), sorted and properly utilized. The involvement in a Dual System helps to save CO₂ Emissions.

1

Warning

- Please read the manual to learn the function of this product before operation. Damage to the product and potential personal injury may occur if you make an operational error.

This is a RC helicopter, not a toy. You should not only have a prudent operation, but also to have an operational basis. All children using it should be under adult supervision. The manual includes safety, operation and maintenance. In order to avoid causing damage or serious injury, please obey the instructions and warnings before you using this product.

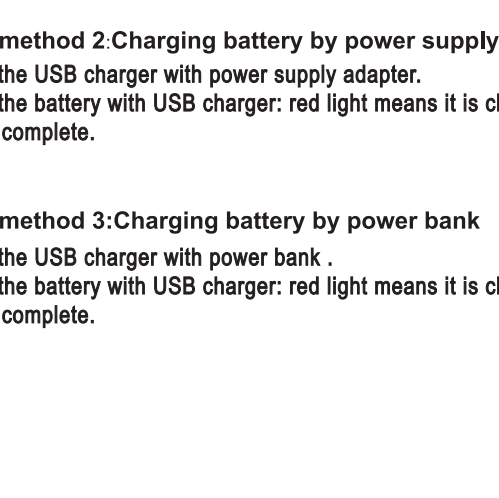
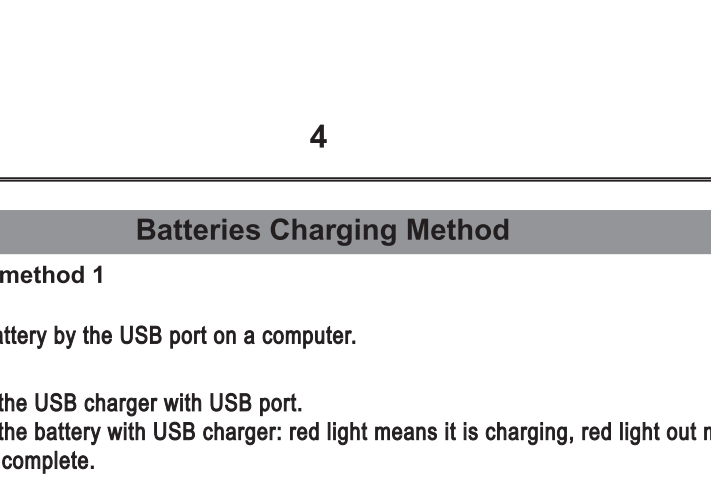
Additional Safety Precautions And Warnings

- Recommended age of users: Not suitable for children under 14 years old.
- Operate it in an open space, away from the traffic and people.
- Obey the instructions and warnings, includes the use of optional equipment.
- It has to stay away from chemicals. Small parts and electric equipment must be out of the reach of children.
- Keep away from water because this product has no waterproof function.
- Do not put any parts in the mouth, it will cause injury or death.
- Don't operate the model if the transmitter's battery is in low voltage.
- Don't view the beam of the light emitting diodes, it would effect the eyesight.
- The motor and electric equipment will be heat after flight. Please do not touch them to avoid scald.
- In order to avoid causing damage, please do not touch the high-speed.

2

Helicopter Parameters

Length	268 mm
Height	80 mm
Weight	46G
Propeller length	249 mm
Tail Rotor blade Diameter	37 mm
Battery Specification	3.7v 350mah 25C
Flight time	15 min
Main Motor	8520
Tail motor	0615



3

Warning And The Guide Of Using Battery

- CAUTION** Always use a charger compatible with batteries.
- WARNING** Always charge batteries away from flammable materials.
- WARNING** Never leave charging Batteries unattended.
- WARNING** Never charge damaged Batteries.
- WARNING** Never Alter Batteries.
- WARNING** Never touch or use hot Batteries.

Note: Using the original factory USB charger can ensure charging safety. Suggest you use the original factory USB charger part, other chargers may cause battery damage and property damage.

Warnings! The battery will fire, explode or leak if not strictly observing this item described below.:

- Do not immerse the battery in water or seawater, and keep the battery in a cool dry environment during stands by period.
- Keep all batteries out of the reach of little children. Consult a doctor immediately if a battery is swallowed.
- Do not use or leave the battery near a heat source such as fire or heater.
- Use the battery charger specifically for that purpose when recharging.
- Do not reverse the positive (+) and negative (-) terminals.
- Do not connect the battery to an electrical outlet.
- Do not short the battery in fire or heat.
- Do not dispose-circuit the battery by directly connecting the positive (+) and negative (-) terminals with metal objects such as wire.
- Do not transport or store the battery together with metal objects such as necklaces, hairpins etc.
- Do not strike or throw the battery against hard surface.
- Do not directly solder the battery.
- Do not unpack the battery with a nail or other sharp object.
- Never disassembling the battery in any way.

Note: The battery can not be placed for a long time under full power and low power. Otherwise, the battery will not be charged or the battery will be wrapped. For long-term storage, please charge the battery to 3.7V and store it in a dry and safe place.

4

Batteries Charging Method

Charging method 1

Charging battery by the USB port on a computer.

Description:

- Connect the USB charger with USB port.
- Connect the battery with USB charger: red light means it is charging, red light out means charging complete.

Charging method 2: Charging battery by power supply adapter.

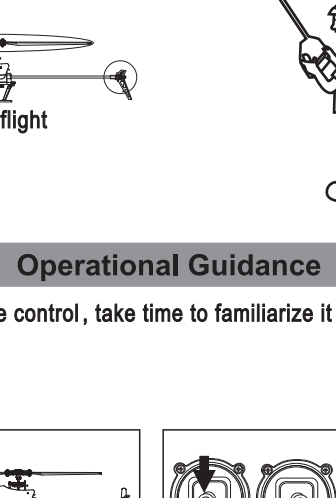
- Connect the USB charger with power supply adapter.
- Connect the battery with USB charger: red light means it is charging, red light out means charging complete.

Charging method 3: Charging battery by power bank

- Connect the USB charger with power bank.
- Connect the battery with USB charger: red light means it is charging, red light out means charging complete.

First Flight Preparation CAUTION

- Ensure sufficient power supply of the transmitter and helicopter.
- Confirm the throttle lever is at the bottom before you turn on the transmitter.
- Place turn on the transmitter at first then connect the battery with helicopter before binding with transmitter. Please disconnect the battery with helicopter at first, then turn off the transmitter when you shutdown.
- Keep a flight in a suitable space which away from the traffic, people, electricity pylons and pool.
- Do not lock the main rotor screws too tightly to keep folding smoothly. If the main rotor screws are too tight, the helicopter will shake when flying.



5

Binding TX and RX

The helicopter is binding with the transmitter before delivery, if it needs to re-bind, please follow these steps.

- Turn on the transmitter and let helicopter stay near to transmitter.
- Connect the battery with helicopter, transmitter's signal light are flashing.
- When the transmitter's signal light always being on means finish bind.
- In order to avoid distractions, please confirm without other transmitters at work around.

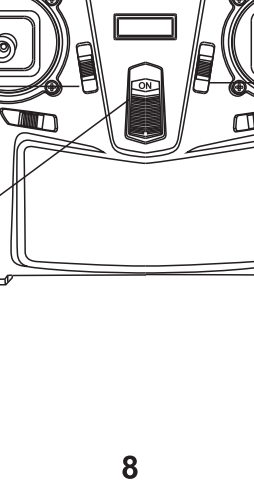
Aircraft hover mode setting: The helicopter has set up hovering. If you are dissatisfied with hovering on the helicopter have a yaw, please follow these steps to adjust.

- Press the button at the transmitter's top right and turn on the transmitter at the same time, transmitter's light and helicopter's light flashing means it entry a hover adjustment.
- Connect the battery with helicopter, the transmitter's signal light always being on means complete self-inspection.
- After the helicopter take off, according to its yaw direction, push the trimming button in the opposite direction, until the helicopter is hovering better.
- When hovering, land the helicopter, press that button on the top right of transmitter for 3-4 seconds to save the setting data and exit setting. Receiver signal lights will change from flashing to normally on, which means setting accomplish.

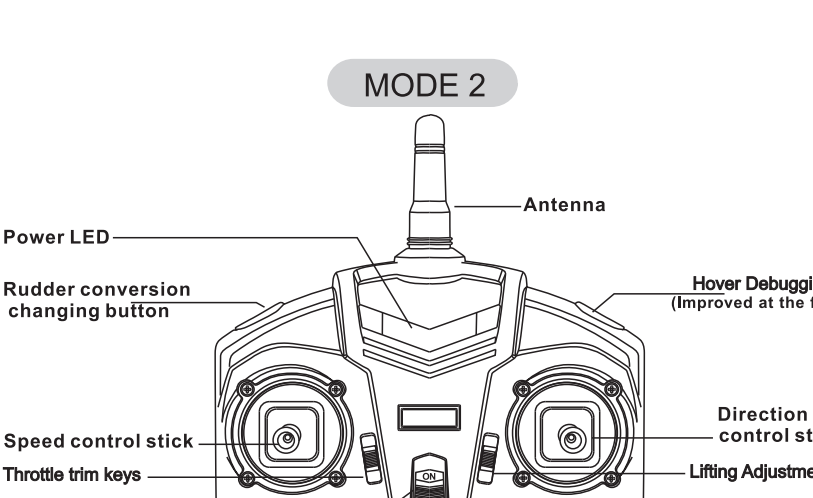
Flight Operation Steps

- Turn on the transmitter and let helicopter stay near to transmitter.
- Connect the battery with helicopter, transmitter's signal light are flashing.
- When the transmitter's signal light always being on means finish bind.
- Keep the helicopter head forward, and keep safe distance with the helicopter.
- Push the throttle up to fly. Not to push it quickly.

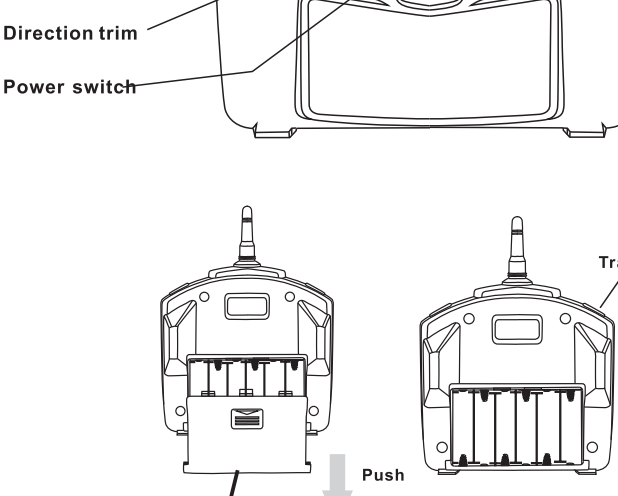
Note: In order to avoid hitting, do not look at the helicopter at hip level when it fly.



6



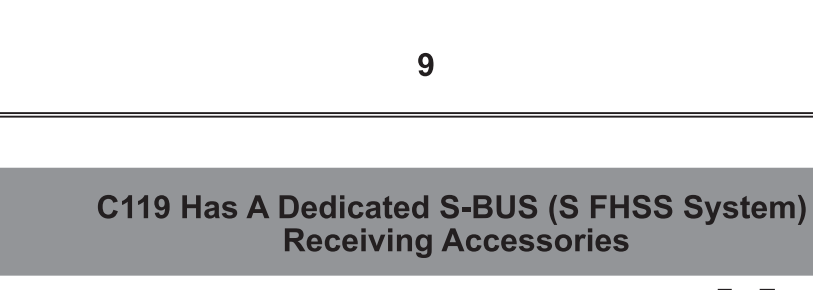
Note: Beginner should pay attention to the direction of flight. Keep the head forward to avoid causing injury.



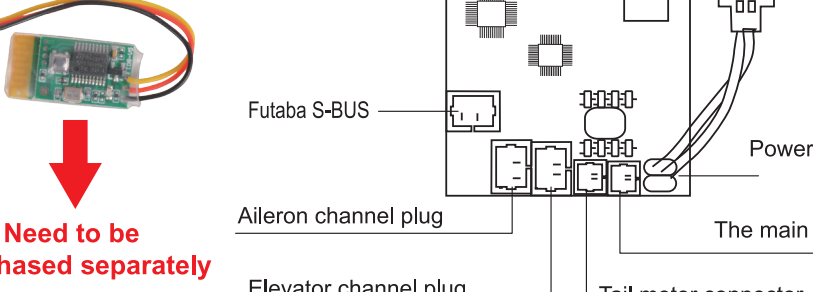
Operational Guidance

If you are unfamiliar with the control, take time to familiarize it before your first flight.

Throttle

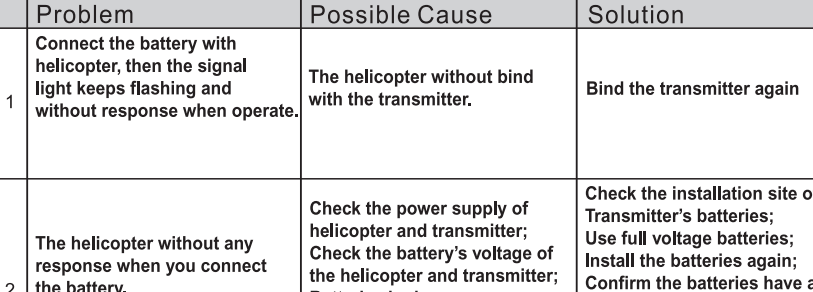


Rudder 方向

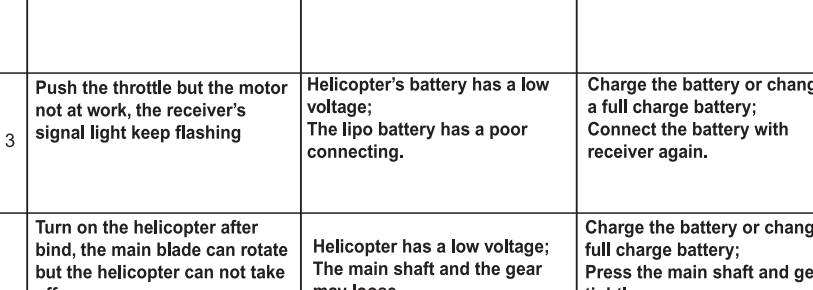


7

Elevator



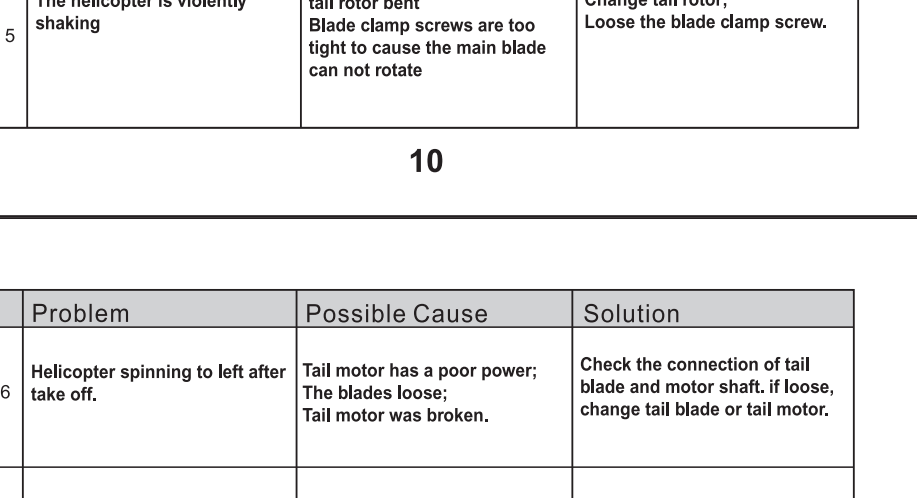
Aileron



The Remote Control Can Not Be Converted Right-hand Masure To Look For When Buying Mode

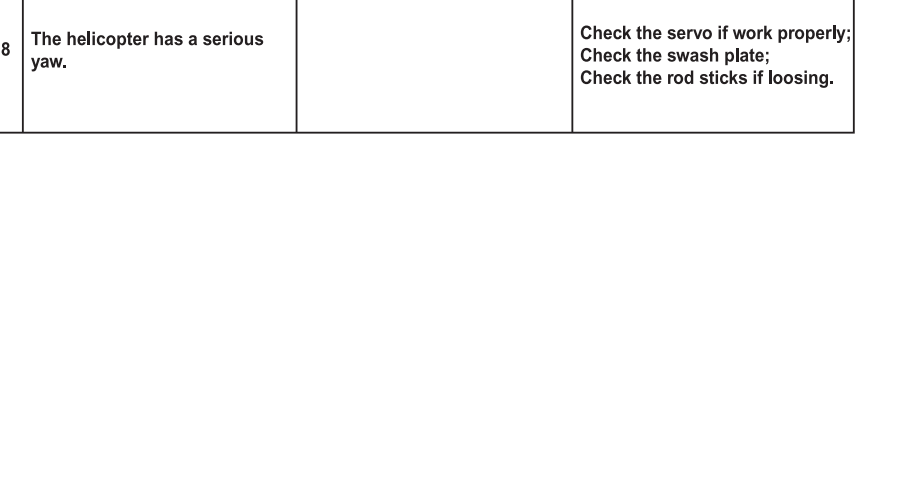
Transmitter Chart

MODE 1



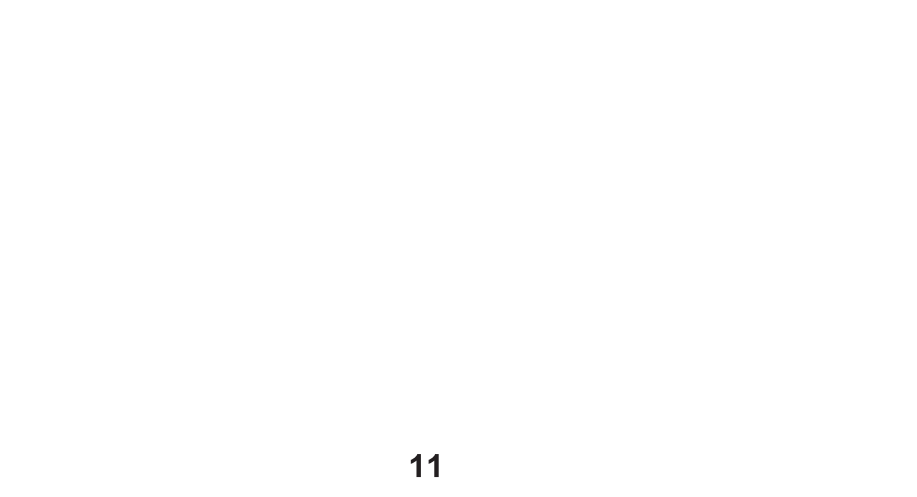
8

MODE 2



9

C119 Has A Dedicated S-BUS (S FHSS System) Receiving Accessories



Need to be purchased separately

Abnormal Problem Solving Method

Problem	Possible Cause	Solution
1. Connect the battery with helicopter, then the signal light keeps flashing and without response when operate.	The helicopter without bind with the transmitter.	Bind the transmitter again.
2. The helicopter without any response when you connect the battery.	Check the power supply of helicopter and transmitter; Check the battery's voltage of the helicopter and transmitter; Batteries had a poor connecting.	Check the installation site of transmitter's batteries; Use full voltage batteries; Install the batteries again; Confirm the batteries have a good connecting.
3. Push the throttle but the motor not at work, the receiver's signal light keep flashing.	Helicopter's battery has a low voltage; The lipo battery has a poor connecting.	Charge the battery or change a full charge battery; Connect the battery with receiver again.
4. Turn on the helicopter after bind, the main blade can rotate but the helicopter can not take off.	Helicopter has a low voltage; The main shaft and the gear may loose.	Charge the battery or change a full charge battery; Check the main shaft and gear tightly.
5. The helicopter is violently shaking.	Main rotor deformed cross shaft bent tail rotor bent Blade clamp screws are too tight to cause the main blade can not rotate	Change the main blade; Change the cross shaft; Change tail rotor; Loose the blade clamp screw.

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Problem	Possible Cause	Solution
6. Helicopter spinning to left after take off.	Tail motor has a poor power; The blades loose; Tail motor was broken.	Check the connection of tail blade and motor shaft. If loose, change tail blade or tail motor.
7. The helicopter has a little yaw.	made a operational error of the trimming button	1. According to its yaw direction, push the trimming button in the opposite direction; 2. Reset the hovering point.
8. The helicopter has a serious yaw.		Check the servo if work properly; Check the swash plate; Check the rod sticks if losing.

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