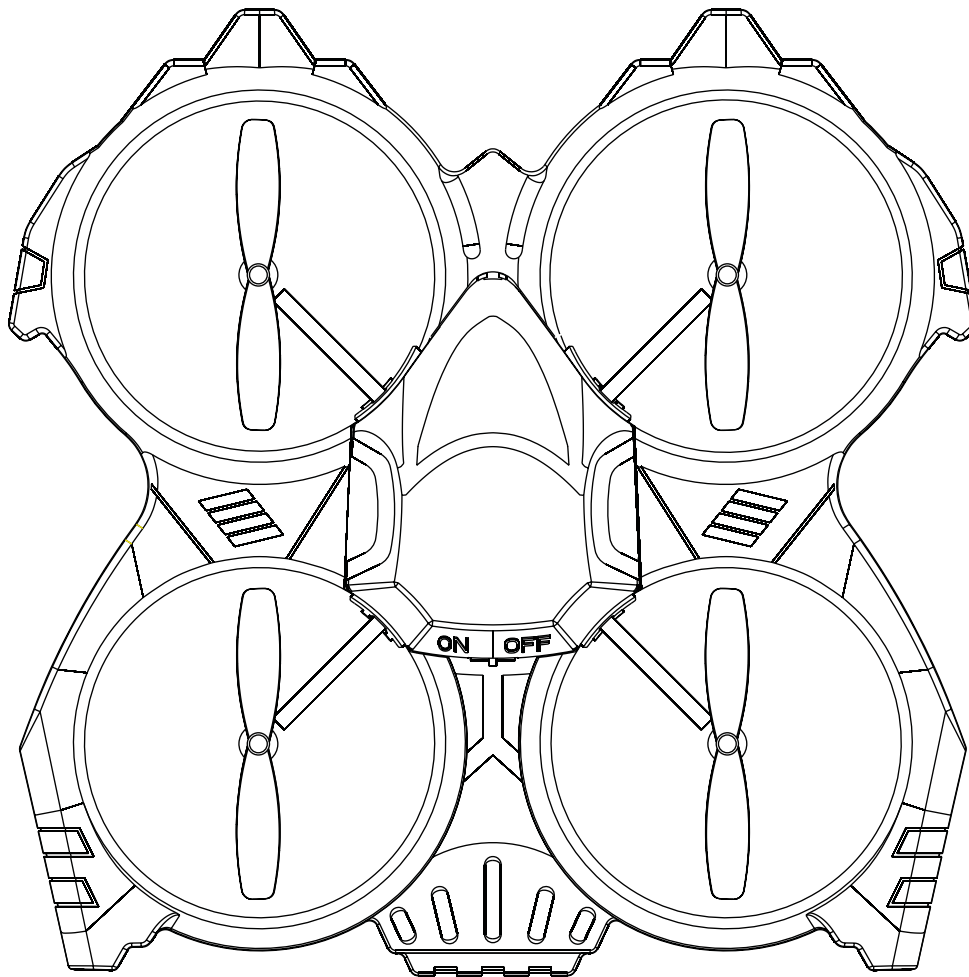


TY5629

JSF-VENOM 4™

Q U A D C O P T E R

4 CH 2.4G CONTROL WITH SIX AXIS GYRO



- Intelligent R/C System
- Smooth flight performance
- The four-motor drive gives stable flight.
- The Venom can complete several manoeuvres.
- A 6-axis gyro and integrated altitude control ensures fine control in the air.



Please read the instructions carefully before use.
Please keep the instructions for future reference.

VENOM MAIN TECHNICAL INDEX

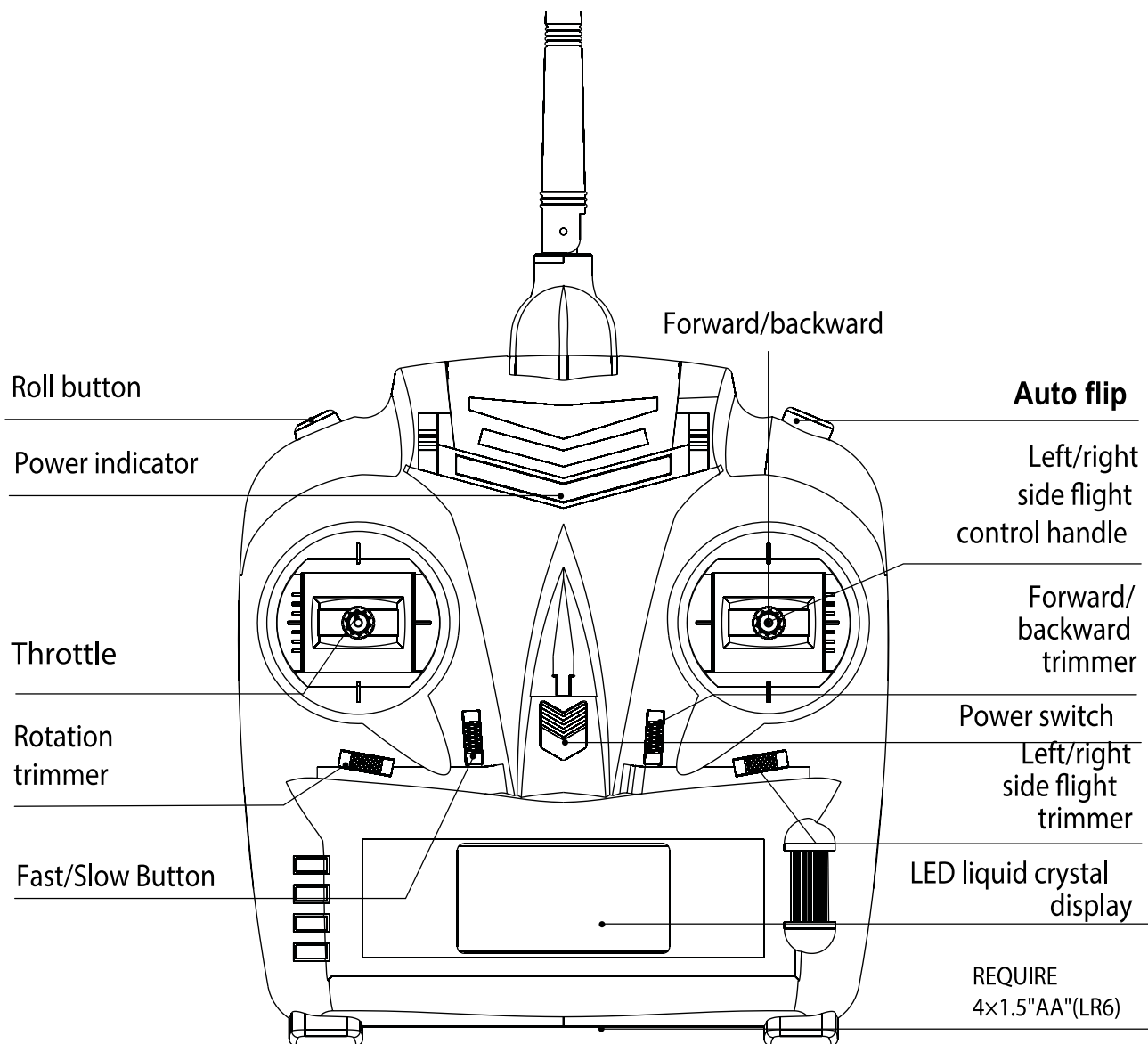
NO.TY5629 2.4G main technical index

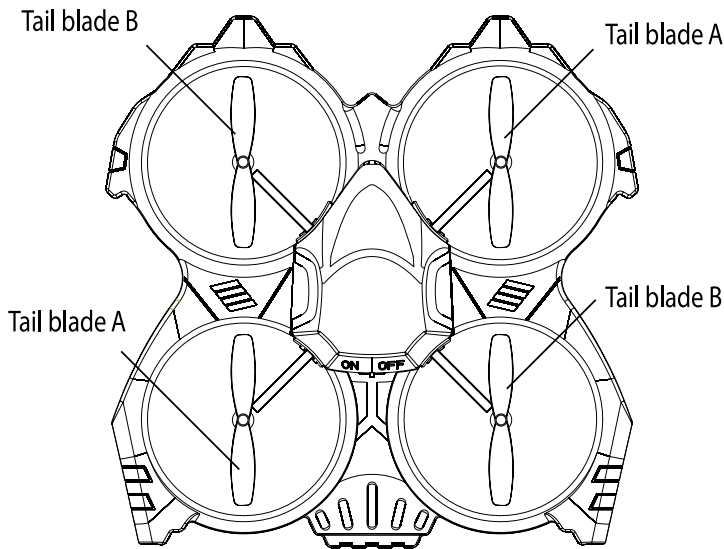
VENOM : L:172mm x W:172mm x H:38mm
Fuselage weight: 36 g
Flight range: 30 M
Charging time: Approx 40-50 mins
Flying time: Approx 6-8 mins

Using Battery/Charger

1. Venom's battery (built in): 3.7V/300 mAh Li-poly
2. Remote controller battery: 4 x 1.5" AA"(LR6) (Not included)

2.4G REMOTE CONTROLLER INSTRUCTION



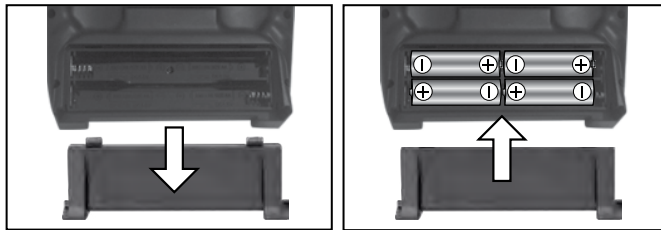


Tail Blade Replacement:

1. If a blade needs to be replaced, it is important to make sure that the same type of blade is used. Only replace type A blades with other type A, and type B with type B.

2. The blade types spin in opposite directions. Tail blade A spins anti-clockwise, B spins clockwise.

ASSEMBLY R/C BATTERY INSTRUCTION



(Pic1)

(Pic2)

1. To install batteries: open the cover of battery case. (Pic1)
2. Place 4 x 1.5 "AA" (LR6) Alkaline batteries into the box with correct polarity orientation. (batteries not included). (Pic 2)
3. Close the battery cover.

Tips: When the power indicator of the remote control flashes, replace the battery as per the above

Notes:

Install or replace the batteries under adult supervision.

Retain the instructions for future reference.

ATTENTION! Non-rechargeable batteries are not to be charged. Rechargeable batteries are only to be charged under adult supervision. Rechargeable batteries are to be removed from the toy before being charged. Different types of batteries or new and used batteries are not to be mixed. Batteries are to be inserted with the correct polarity. Exhausted batteries are to be removed from the toy. The supply terminals are not to be short-circuited. **RECYCLING BATTERIES, WASTE ELECTRICAL and ELECTRONIC EQUIPMENT:** Dispose of old batteries promptly and properly. Do not burn or bury them. Help the environment, dispose of batteries and electrical products responsibly. Batteries must not be disposed of in domestic waste as they can contain substances which can be damaging to the environment and health. Please contact your local authority for designated collection points or recycling facility.

WARNING: Do not pierce the lithium-poly battery.

JSF VENOM 4
 Q U A D C O P T E R

BATTERY CHARGING INSTRUCTIONS

To charge the Venom, first make sure that the power switch is on. Remove the battery cover from the underside of the Venom and connect the charging cable to the battery. Plug the USB plug into a computer USB socket and the Venom will charge. The LED will remain lit while charging, and will extinguish when the battery is fully charged.

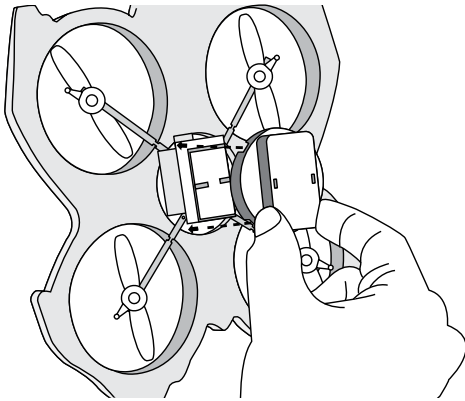


FIGURE 1

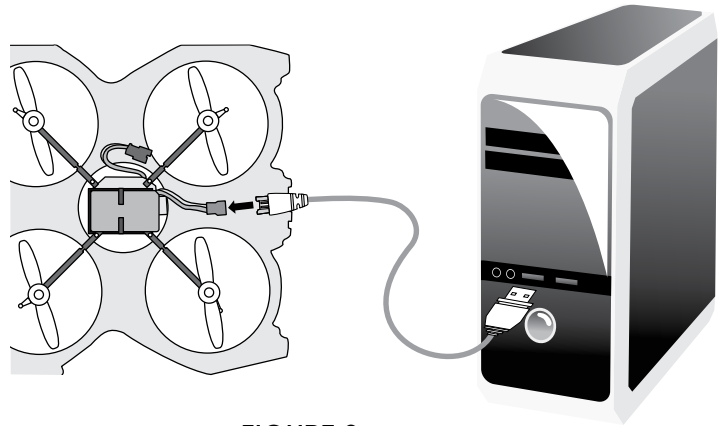


FIGURE 2

Notes:

The Venom charges in 40 - 50 minutes. The flight time is approx. 6 - 8 minutes. After use, allow the battery to cool for 5 - 10 mins before charging. Ensure the motors have cooled before flying.

Warning on Li-poly battery:

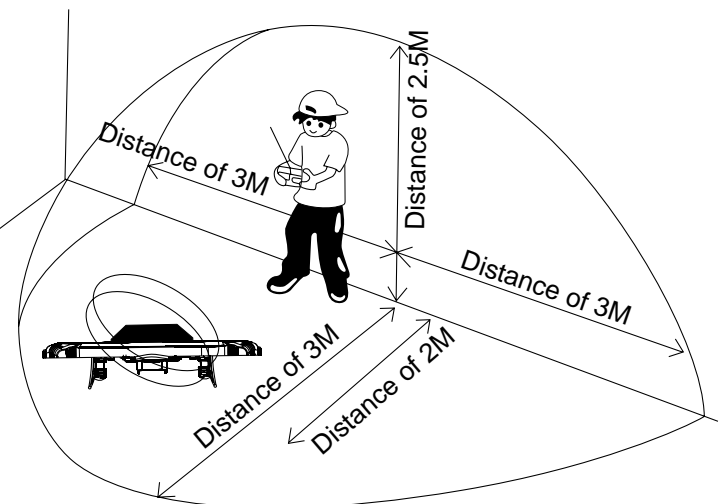
- Do not put the battery into fire or near a high heat source.
- Do not place battery onto hot surfaces.
- Keep the battery in a dry and low-temperature environment.
- Only use the charger supplied to charge the battery.
- Do not over-charge the battery.
- Do not connect the battery with other circuits.
- Turn off the power of the product immediately after use to save battery power.

BEST CONDITIONS FOR FLIGHT

Do not fly in strong winds. High winds will greatly affect the control of the Venom. Do not fly in extreme temperature, these will affect the battery and the time of flight of the Venom. Where possible, fly the Venom in wide-open spaces, away from buildings, animals and other people.

NOTICE:

Be sure to fly the Venom in plenty of open space. If the indicator light on the control begins to flash, the batteries are low on power and may need replacing.



SAFETY WARNING:

Do not pick up the Venom when the rotors are spinning. When turning the Venom on, be careful to keep long hair away from the rotors.

WARNING: NOT SUITABLE FOR CHILDREN UNDER 14 YEARS OLD.

Take Off Instructions:

Connect the Venom's power, and place on level ground.

The LEDs will flash several times quickly. Turn on the remote control. Push the left stick fully forwards, and then backwards. You will hear a beep. Then push both sticks to the bottom right. The control light will become steady, and the Venom LED's will flash. The Venom is now ready to be controlled.

The Venom's controls are sensitive. To take off, gradually move the left stick forward, this will increase the power to the rotors. Once off the ground the direction is controlled using the right stick.

If the Venom does not fly straight or level, it may need to be trimmed. Use the trim switches to adjust the flight until it is level and stable.

FLYING INSTRUCTIONS

Control Advice:

The Venom has very sensitive controls. With practice, it can be made to perform lots of tricks, but to start, it is important to be gentle with the controls.


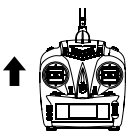

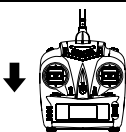
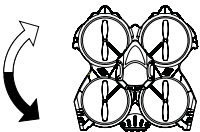
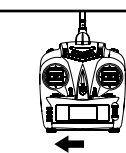
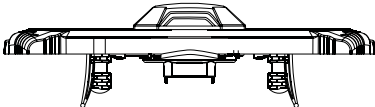
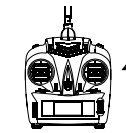
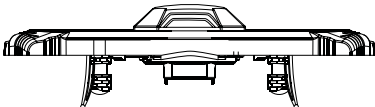
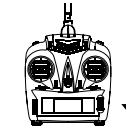
The left stick controls the Venom going up and down, or spinning around.

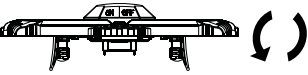

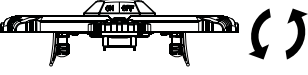







The right stick controls the Venom's flying direction.

Operating Notes:

Do not attach anything to the Venom.

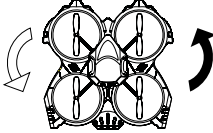
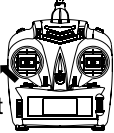
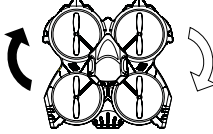
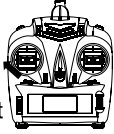
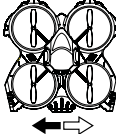
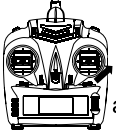
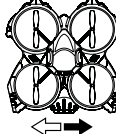
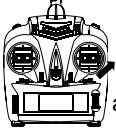
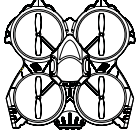
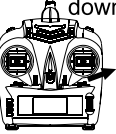
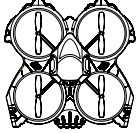
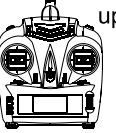
This will affect the Venom's balance, and its flying stability.

Ascend	To ascend, push forward on the left stick.		
Descend	To descend, pull the left stick backwards.		
Change direction	Use the left stick to rotate the Venom. Push it left to turn left, and right to turn right.		
Forward	To move the Venom forward, push the right stick forward.		
Backward	To move the Venom backwards, pull the right stick backwards.		

Left/right	The right stick moves the Venom left/right		
Forward roll	In plenty of space, hold the right stick forward and press the roll button. The Venom will do a forward roll.		
Backward roll	In plenty of space, hold the right stick back and press the roll button. The Venom will do a backward roll.		
Left roll	In plenty of space, hold the right stick left and press the roll button. The Venom will roll to the left.		
Right roll	In plenty of space, hold the right stick right and press the roll button. The Venom will roll to the right.		

SPECIAL CONTROLS

If the Venom doesn't fly straight, it may need trimming. Follow the instructions below to trim your Venom, and make it easier to control.

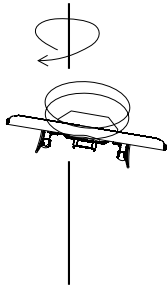
If the Venom is rotating counter-clockwise, it needs to be trimmed. To do this, move the rotation trim switch to the right until the rotation stops.		turn right to adjust 
If the Venom is rotating clockwise, it needs to be trimmed. To do this, move the rotation trim switch to the left until the rotation stops.		turn left to adjust 
If the Venom is always moving to the left, it needs to be trimmed. To do this, move the left/right trim switch to the right until the movement stops.		turn "R" to adjust 
If the Venom is always moving to the right, it needs to be trimmed. To do this, move the left/right trim switch to the left until the movement stops.		turn "L" to adjust 
If the Venom is always moving forwards, it needs to be trimmed. To do this, move the forward/back trim switch backwards until the movement stops.		downward to adjust 
If the Venom is always moving backwards, it needs to be trimmed. To do this, move the forward/back trim switch forwards until the movement stops.		upward to adjust 

NOTICE

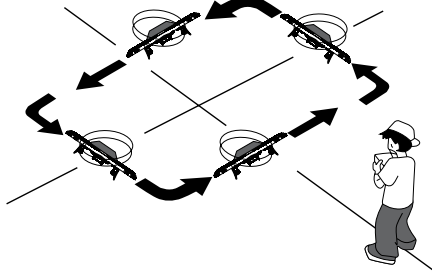
When the Venom is close to the ground, the wind from its own rotors can cause it to become unstable. Flying the Venom higher off the ground will allow it to fly more smoothly.

FLYING PRACTICE

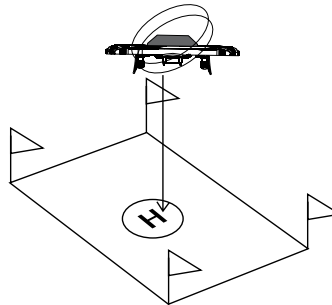
Below are some flying patterns that will help you practice flying your Venom



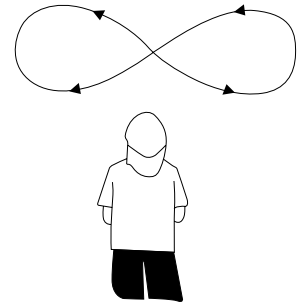
Spin on the spot!



Fly in a rectangle. When you can go one way, try going the other!



Make a landing spot and see how close you can get!



Fly in a figure of eight!

WARNING: Do not touch the rotors when they are spinning. Fly the Venom away from other people and in plenty of space. Keep long hair away from the Venom's rotors.

TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
Controller does not work	Controller is not on	Make sure that the power switch is on
	Batteries may have been installed incorrectly	Check that the batteries have been installed correctly according to the instructions
	Batteries are flat	Replace the batteries
Can not control the drone	The Venom does not recognise the controller	Make sure the controller is on, and that the sticks have been moved in the correct order
	The Venom doesn't move when controlled	Make sure that the Venom is switched on, and has power
	The Venom is out of control	Weather conditions can affect the Venom. Only fly on still days
Drone can not rise	Not enough power	The Venom needs enough power to raise off of the ground. Increase the throttle until the Venom lifts
	Not enough battery charge	Charge the battery according to the instructions above
Drone landing too fast	The rotors stop if the throttle is pulled back	Throttle back slowly to land the Venom under control

NOTICE:

The controller power is affected as the battery runs down.
 The distance that the Venom can be flown will decrease as the charge runs down.
 The Venom will not take off, or fly very high when the onboard battery gets low.
 Replace any broken parts or blades quickly, as a broken blade could cause injury.
 Unplug the battery from the Venom when it is being stored.
 Storing the Venom with the battery connected could cause damage to the Venom.
 Deliberately crashing the Venom could cause severe damage that cannot be repaired.

MAINTENANCE & REPAIR:

Clean with a soft, damp cloth. Remove the battery before storing. Do not submerge in water.

ATTENTION: Picture refers to the actual product.

PARTS



Part-01
Foam Set



Part-02
Bottom Cover



Part-03
2.4G Remote Controller



Part-04
3.7V/300mAh Li-Poly



Part-05
Main Blade A



Part-06
Main Blade B



Part-07
Main Frame



Part-08
Plastic Of Motor Set



Part-09
Carbon Fiber Tube



Part-10
USB Charging



Part-11
Main Motor Line (Red/Blue)



Part-12
Main motor line (Black/White)



Part-13
Main Motor Set (Red/Blue)



Part-14
Main Motor Set (Black/White)



Part-15
Body Shell with light

www.jsfdrones.com

After-sales Customer Services 0345 576 0280