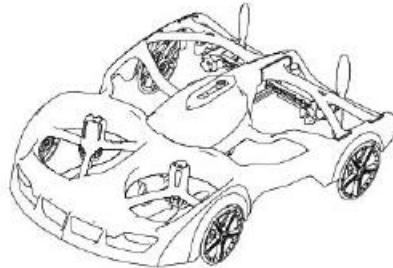




8+

TG1001 ^{2.4G}



User Manual

Accreditation standard: GB/T26701-2011

Main features

- Four-axle structure with collision-proof features. Suitable for indoor use.
- All-in-one design – works as both a quadcopter and a vehicle.
- Modular design for easy installation and maintenance.

The materials, specifications, parts and packaging mentioned in this manual are for reference purposes only. We are not responsible for any changes made to this printed material, nor are we able to inform customers of any updates or changes. Please refer to the SYMA Toys website for the latest information.

Important safety information

Thank you for purchasing this SYMA product. To ensure that you operate the product correctly, please read these instructions carefully before first use and store them in a safe place for future reference.

Safety information

- * Keep the smaller-sized accessories out of the reach of children.
- * This product has a powerful motor. Before using it for the first time, read the detailed instructions in the user manual to avoid the risk of collisions or damage due to improper use.
- * When the flight has ended, switch off the remote control before switching off the power on the quadcopter.
- * Do not store the battery in a hot environment (e.g. near open flames or a heating device).
- * When the quadcopter is airborne, it should be kept at least 2-3m away from the pilot and other people to avoid the risk of a collision during landing.
- * Children must be supervised by an adult when operating the quadcopter. The quadcopter should always remain within the line of sight of the pilot (or instructor).
- * When installing or changing the batteries in the remote control, ensure that they are connected in the correct polarity. Do not mix old and new batteries or different types of batteries.
- * After use, ensure that the quadcopter and remote control are switched off and remove the batteries in the remote control.
- * If you do not plan to use the quadcopter for at least 10 days, discharge the battery to 40%-50% (i.e. if the battery is fully charged, fly the quadcopter for half of the total flight time). This helps to prolong the lifespan of the battery.
- * Maintain a safe distance from the spinning propellers to avoid the risk of injury.
- * precautions to be observed such as "Do not touch the rotating rotor, avoid loose clothing or hair that could be caught in the rotor, do not fly near the face"
- * In order to prevent interference with air traffic control systems, it is forbidden to use remote controls within a 5000 m radius of an airport runway (calculated from the centre of the runway). Always comply with remote control restriction orders issued by national authorities.
- * You must only use the recommended transformer for this model. The transformer is not a model. Disconnect the model from the transformer or charger before cleaning with cleaning fluid. Regularly inspect the transformer's wires, plug socket, outer casing and other accessories to ensure that they are not damaged. If there are any signs of damage, discontinue use immediately until the fault has been repaired.
- * The packaging and this manual contain important information and should be kept in a safe place for future reference.
- * Do not look directly at the laser beam.

Repair and maintenance

- Clean the product regularly with a clean, soft cloth.
- Avoid exposing the product to direct sunlight or heat.
- Do not submerge the product in water, as this may damage the electrical components.
- Regularly inspect the propellers, motor and battery. If there are any signs of damage, discontinue use immediately until the fault has been repaired.

Specifications

· Quadcopter

Weight	Approx. 90 g
Length	210 mm
Width	140 mm
Height	50 mm
Altitude	Approx. 5 m
Flight time	Approx. 5 mins
Drive time	Approx. 15 mins
Operating conditions	0 to 40 °C
Motor	8520
battery	3.7 V, 500 mAh
Charging time	Approx. 1 hour

· Remote control

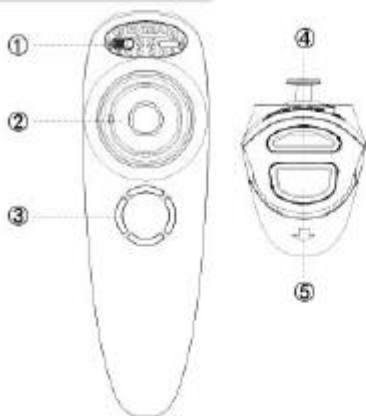
Operating frequency	2.4 GHz
Range	Approx. 30 m
Operating conditions	0 to 40 °C
Battery	AAA batteries

Package contents

Quadcopter	1
Remote control	1
USB charging cable	1
User manual	1



Remote control



- ① Power switch
- ② Joystick

Flight mode:

* Move the joystick to move forwards, backwards, right or left.

* Hold down the joystick to calibrate the quadcopter.

Drive mode:

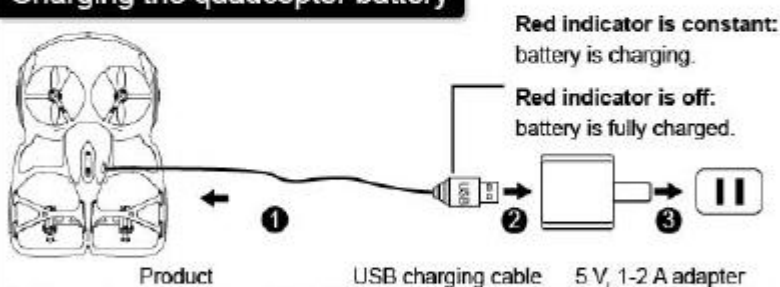
* Move the joystick to move forwards, left or right.

- ③ Fine tuning for flight mode

- ④ Up button

- ⑤ Forward acceleration button (only for ground mode)

Charging the quadcopter battery



Red indicator is constant:
battery is charging.

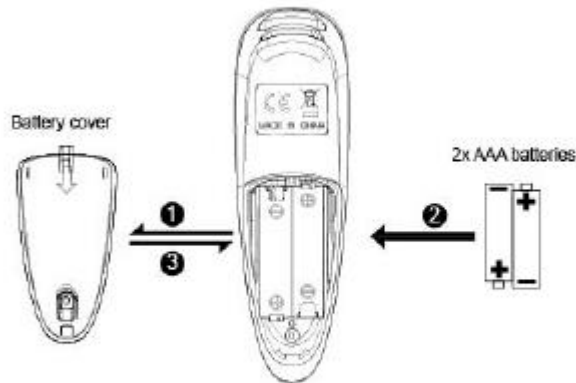
Red indicator is off:
battery is fully charged.

* Charge the quadcopter with the USB charging cable that came with the product.



- * Do not short circuit or compress the battery, as this may cause an explosion.
- * Do not dismantle the battery or store it in a hot environment.
- * If you do not plan to use the quadcopter for at least 10 days, discharge the battery to 40%-50%. This helps to prolong the lifespan of the battery.
- * When charging the battery, always provide adult supervision and keep the battery away from flammable materials.
- * Rechargeable batteries are to be removed from the toy before being charged.
- * Exhausted batteries are to be removed from the toy.
- * Caution: Risk of explosion if battery replaced by an incorrect type, dispose of used batteries according to the instructions.

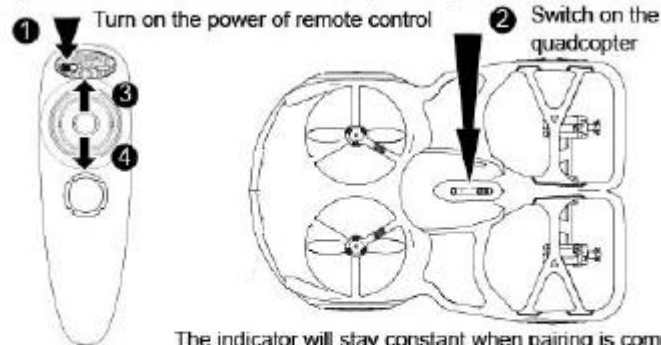
Inserting the remote control batteries



- When installing the batteries, ensure that you match the + and – ends of the battery with the + and – signs on the controller.
- Do not mix old and new batteries or different types of batteries.
- Do not use rechargeable batteries.

Preparing to fly the quadcopter

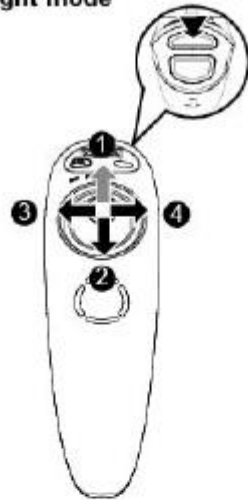
Pairing the remote control with the quadcopter



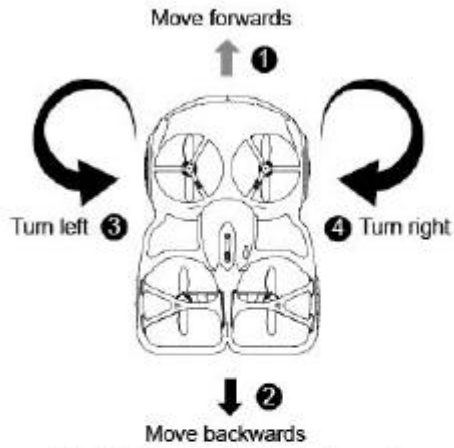
- When you switch on the remote control, the indicator will flash rapidly for approximately 20 secs to indicate that the remote control is waiting for a signal. The indicator will then flash slowly to indicate that pairing mode has been disabled.

Controlling the quadcopter

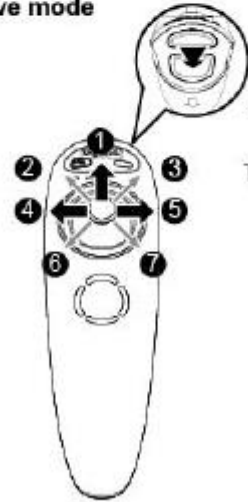
Flight mode



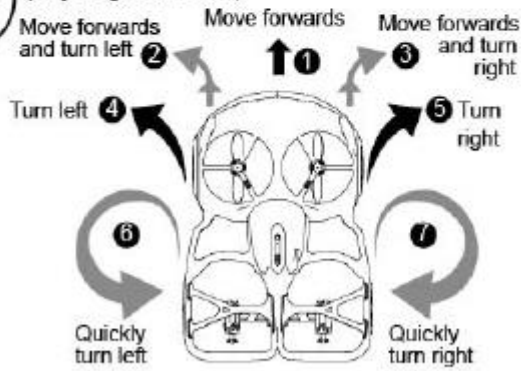
keep pressing for ascending /
release for descending



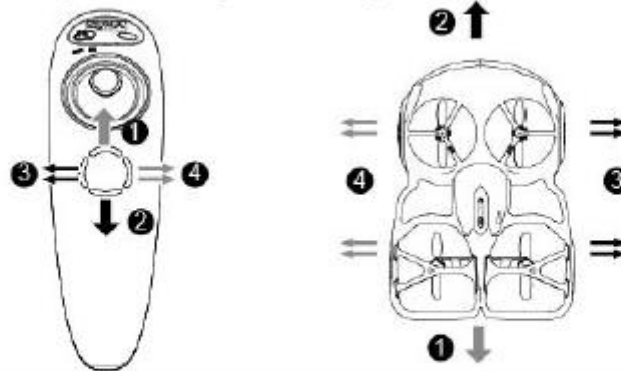
Drive mode



Press and hold to increase the forward speed
(only for ground mode)



Fine-tuning controls (flight mode only)

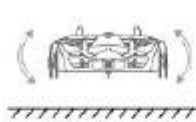


Product features



Overcurrent protection

If the quadcopter's blades collide with another object or become stuck, the quadcopter's circuit will engage the overcurrent protection mechanism.



Level calibration



Place the quadcopter on a level surface and press and hold the joystick on the remote control for approximately 2 seconds. The indicator on the quadcopter will flash rapidly and then stay constant to indicate that the calibration process is complete.

* The quadcopter cannot be calibrated when the angle of inclination is greater than 10 degrees.



Emergency Stop



When the blades are spinning, press the joystick for 2 seconds, blades will be stopped.

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

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

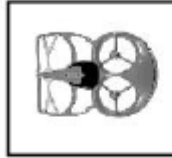
Declaration of Conformity Inserts:

"Hereby, Guangdong Syma model aircraft Industrial co.,ltd, declares that this drone is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU."

A copy of the full DoC is attached.

Accessories (available separately)

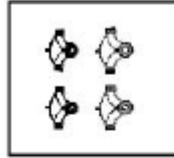
The following section contains a list of optional accessories that are available to purchase. Accessories can be purchased from your local retailer. Please indicate your preferred colour when making your purchase.



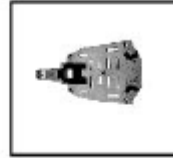
Quadcopter body



Wheels



Wheel fixtures



Lower body



Tail box



Motor cover



Propeller blade A



Propeller blade B



Suspension arm



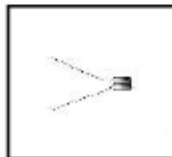
Pulley



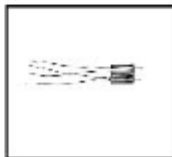
Receiver board



Battery



Motor A



Motor B

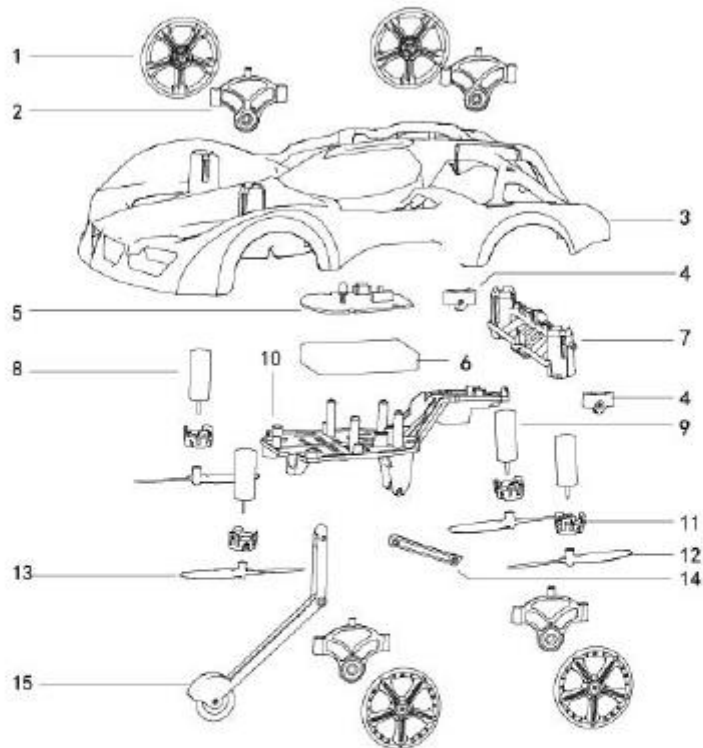


USB charging cable



Remote control

Product description



Serial number	Component/ Part Name	Quantity	Serial number	Component/ Part Name	Quantity	Serial number	Component/ Part Name	Quantity
01	Wheels	4	07	Tail box	1	13	Propeller blade A	2
02	Wheel fixtures	4	08	Motor B	2	14	Suspension arm	1
03	Quadcopter body	1	09	Motor A	2	15	Pulley	1
04	Tail box fixture	2	10	Lower body	1			
05	Receiver board	1	11	Motor cover	4			
06	Battery	1	12	Propeller blade B	2			

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions : (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF frequency band :**2408-2478MHZ**

Transmitter power : **-3.73dBm (Max.)**

Sold to EU country

product name: [DRONE]

model number: **[TG1001]**

Brand name :Syma

Contact person: Ivan

Tel:+86-0754-86381701

Hereby, [GUANGDONG SYMA MODEL AIRCRAFT INDUSTRIAL CO., LTD], declares that this [Drone] is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

The full test of the EU declaration of conformity is available at the following internet address:

www.symatoys.com

SIMPLIFIED EU DECLARATION OF CONFORMITY



**QR code for Android
system**



**QR code for Apple iOS
system**

Manufacturer

Guangdong Syma Model drone Industrial Co., Ltd.

**The Crossing of No.2 West Xingye Road and North Xingye Road, Laimei Industrial Park Chenghai
District Shantou City Guangdong China.**

Contact person: SYMA Telephone: +86 0754 86381898

FOR CUSTOMER SERVICE, DO NOT RETURN TO THE STORES.

PLEASE CONTACT: SYMATOYS

BY EMAIL: SERVICE2@SYMATOYS.COM

**The company has the right of final interpretation of this
instruction manual statement.**