

JUST AIR

Micro RC Car



Instruction Manual

This product is not intended for use by anyone under the age of 14. Please read the manual carefully before using this product and keep it properly.

14+

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MADE IN CHINA



diatone.us



official website



JUST AIR

If you are operating a 1:100 scale remote control car for the first time, please take a few minutes to familiarize yourself with the functions and uses of the product. After reading this manual, you can understand the various characteristics of the system before starting to use the product.

Safety Notice

- This product contains small parts which are a choking hazard and should not be used by children aged 14 years and under to avoid accidents.
- Children over the age of 14 must be used in the presence of a guardian and must not leave the sight of the guardian. Please keep out of reach of children when charging and storing the product.
- Moveable parts are dangerous to some extent. It is forbidden to put fingers, hair, clothes, etc. into the gap between the tire and the car body, so as not to be caught by the rotating parts.
- Please operate in strict accordance with the following usage scenarios:
 1. Do not operate in the place where the car is driving or near children, so as to avoid dangers such as collision;
 2. Do not drive on sand, water or dusty places to avoid malfunctions;
 3. Do not drive towards people or animals to avoid accidents;
- Because of functional requirements, this product contains sharp parts, please follow the correct steps and use methods, especially pay attention to eye safety.
- Do not bend, throw this product, or use it in other rough ways to avoid damage to this product or accident.
- This product has built-in lithium polymer battery, please do not put it into water or fire (such as stove, gas stove, etc.) to avoid explosion.

Package contains



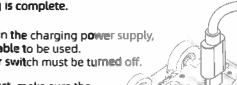
AIR 5 Remote x1



JustAir x1



Manual x1



Type-C charging cable x1

The product list is based on the actual type of products purchased:

1. JustAir contains: JustAir x 1 / Type-C charging cable x 1 / manual x 1
2. AIR 5 remote control contains: AIR 5 remote control x 1 / manual x 1

Function Description



Right headlight



Left headlight



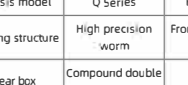
Left tail light



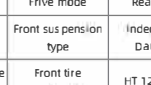
Right tail light



Front wheel: Can turn left and right



Rear wheel: Can be turned back and forth



On/Off



Charging hole: Type-C charging port

Preparation before running

Charge

Take out the remote control car and accessories from the box, and use the included charging cable to insert the car's charging port and USB port to charge when it is turned off. (Due to long-term storage, please charge the remote control car for the first time).

The red light on the tail flashes to indicate that it is charging, and the red light on the tail goes out, indicating that the charging is complete.

Tip: In the power-on state, plug in the charging power supply, and the product will not be able to be used. In the charging state, the car switch must be turned off.

Notice: 1. Before charging the product, make sure the charging plug is dry.
2. When charging the product, please keep the product away from the flammable area.
3. Please use USB to TYPE-C (5V) for charging.

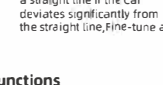
★ Light flashing: Normal charging.

☆ Lights off: Charging complete.

Turn on and off the car power

Power on: In the off state, turn on the switch and the headlights will turn on, and the car will be turned on.

Shutdown: In the power-on state, turn off the switch, all lights go off, and the car shuts down.



▲ Click this switch

Product parameters

Basic Information	Motor	610/612	Minimum ground clearance	2mm
	Front track	32.5mm	Rear track	32.5mm

Chassis Parameters	Chassis model	Q Series	Drive mode	Rear drive
	Steering structure	High precision worm	Front suspension type	Independent Damping
	Gear box	Compound double worm	Front tire Specification	HT 12x2.5 R8
	Torque amplification	1:10	Rear tire Specification	HT 14x4.5 R8

Light	Headlights	●	Ambient Light	●
	Brake light	●	Turn signal	●
	Reversing light	●	FPV Power	4V 2W

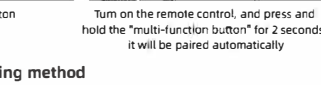
Maintenance

1. Before each use of the product, check and clean the foreign matter in the gap between the wheel and the chassis, and ensure that all parts are not loose.
2. When the Car is stored for a long time, more than 70% of the power should be kept for storage to prolong the battery life. And every 3 months.

One charge to avoid battery damage. (It is recommended to fully charge it and use it for 20 minutes before saving it).

Remote control function description

Driving and Steering



Wheel offset adjustment button

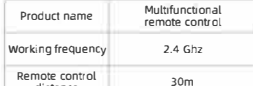


Steering fine-tuning - left

Steering fine-tuning - right

★ Caution: When driving in a straight line. If the Car deviates significantly from the straight line, Fine-tune again

Switch and power-operated button functions



5V power output
It can be charged by the adaptive Car

70% power output

100% power output

Turn on/off the remote

OFF ON

Turn the switch to the right to "ON"
Turn on the power of AIR 5,
you can enter the working state

Personalized function keys



Screen stand interface

Multifunction button

VTX Switch

Ambient light on
(Turn on the lights on the underside of the Car)

Headlight switch
(low beam/high beam)
Turn on the headlights and you can light the road

Start remote

Remote control battery installation and replacement

Use AAA batteries x 3 or 18650 x 1 lithium battery to drive the remote control.

Installation steps:

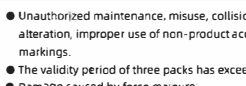
1. Open the battery cover from the bottom of the remote control.
2. Insert the AAA battery into the battery card slot and then into the battery slot. Or put the 18650 lithium battery directly into the battery slot.
3. After the battery is installed well, close the battery cover.
4. When the remote control lights up, it can be used.

Precautions:

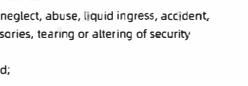
1. The positive pole of the battery needs to face outward. (As shown in the right picture)
2. If the remote control is not used for a long time, please remove the battery to avoid damage to the battery.
3. Please do not try to charge the remote control battery through the Type-C power output interface.



Car Connection Pairing



Click the SWITCH switch button and wait for 8 seconds



Turn on the remote control, and press and hold the "multi-function button" for 2 seconds, it will be paired automatically

Remote control pairing method

1. Turn on the power of the car, wait for 8 seconds, the yellow light at the rear flashes, and enter the pairing mode.
2. Turn on the power of the remote control, long press the "multi-function button" for 2 seconds, the LOGO light flashes, and the automatic pairing starts.
3. The LOGO light of the remote control stops flashing, the pairing is successful, and the product is started to be used.

About parameter adjustment

1. Steering offset fine-tuning: when the steering wheel is at the center point, if the front wheel is not straight, use the steering fine-tuning adjustment.
2. Power mode: Set the maximum power value.
3. Steering mode: Set the turning radius to make the Car reach the best turning radius.

★ Note: If the turning radius is too small, it may cause the Car to drift when driving at high speed. Please adjust the turning radius reasonably.

AIR 5 remote controller parameters

Product name	Multifunctional remote control	Product number	AIR 5
Working frequency	2.4 Ghz	Function button	5 channels
Remote control distance	30m	Battery	AAA x 3 / 18650 lithium battery
Dimensions	106x92x138mm	Weight	135g

Troubleshooting

Fault phenomenon	Cause of issue	Solution
Remote control connection failed	1. Too far away 2. Space multiple walls 3. Remote control pairing for multiple Cars at the same time	Please ensure that the Car is in operating mode (headlights are on). Pairing distance is less than 2W and only one Car is being paired at the same time
Stuck and stopped	Foreign object between wheels	Check the wheels for foreign objects
No reaction when remote control left and right steering/ no response when steering	Steering angle set too small	Reset the steering angle size
When the throttle is in neutral position, the car immediately starts to move forward or backward	Throttle trim is not set to center	Double-click the "multi-function button" to automatically calibrate the throttle neutral position
The Car cannot drive in a straight line/ The left and right steering radii are significantly different	Steering trim not set center	Double-click the "multi-function button" to automatically calibrate the throttle neutral position
Can't reach top speed	1. Power mode 2. Low battery 3. There is a foreign object between the wheels	Increase the maximum speed of power mode, and check whether there is foreign matter and whether the battery power is sufficient
Serious heat at the motor position	The ambient temperature is too high	Turn off the power of the Car immediately and place it in a ventilated and cool place for heat dissipation to avoid damage to electronic components
Turn on light is off Downtime	Voltage below 3.2V, low battery	Recharge in time

Light status indication

Show	State
Rear (yellow light) flashing	Wait for the remote to pair with the Car
Headlights (white light) always on	The remote control has been linked to the Car and can operate the Car
Headlights (white light) + flashing red tail light	Charging in progress
Front and rear lights are off	Car is switched off, low battery, indicates charging is complete

Non-Warranty Regulations

- Unauthorized maintenance, misuse, collision, neglect, abuse, liquid ingress, accident, alteration, improper use of non-product accessories, tearing or altering of security markings.
- The validity period of three packs has exceeded;
- Damage caused by force majeure.
- Not in line with the performance failures listed in the "JUST AIR Remote Control Car Product Performance Failure Table".
- The product and its accessories have performance failures listed in the "JUST AIR Remote Control Car Product Performance Failure Table" due to human reasons.

Maintenance

- This product contains small parts, which pose a choking hazard and are not suitable for children under the age of 14.
- This product is strictly prohibited for children under the age of 14 to avoid accidents. Children over the age of 14 must use it in the presence of a guardian, and must not leave the guardian's line of sight. When charging and storing the product, please keep it out of the reach of children.
- Moveable parts are dangerous to some extent. It is forbidden to put fingers, hair, clothes, etc. into the gap between the tire and the Car body, so as not to be caught by the rotating parts.
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Confirmation information is required to use the return service

When the user applies for return or replacement, he needs to confirm with the customer service according to the warranty instructions of the car whether it meets the after-sales conditions and makes relevant after-sales arrangements.

Hint:

1. The products, accessories and remote control in the instruction manual are schematics for reference only.
2. Due to products update and upgrade, the actual products may differ slightly from the schematic, please refer to the actual products.

FCC Warning15.19 Labeling requirements.

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.

15.21 Information to user.

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

15.105 Information to the user.

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.

FCC RF Radiation Exposure Statement:

- 1.This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
- 2.This equipment complies with RF radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 5mm between the radiator and your body.