

Smart Robot Car Kit Assembly Tutorial

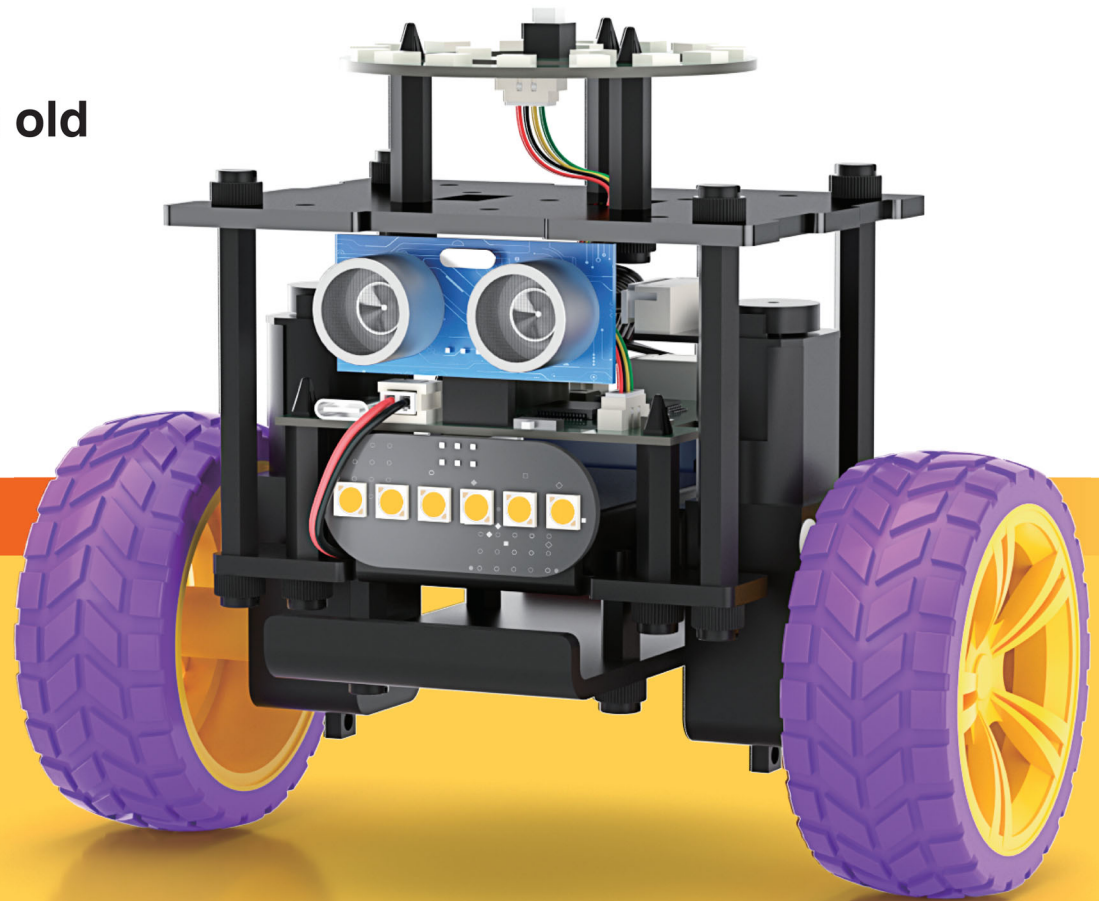


DIY toy car kit for children 8-16 years old

Please Read and Storage the Instructions Carefully

⚠ WARNING:

CHOKING HAZARD - Small parts.
Not for children under 3 years.



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Warning

- Choking hazard—contains small parts. Not suitable for children under 3 years old.
- Use under adult supervision.
- The plastic bag and inner packaging are not toys. Discard them immediately after opening to prevent children from suffocating.
- Keep away from fire, heat, water, and fragile objects.
- Do not strike, disassemble, or puncture the battery. If the battery bulges, leaks, or becomes abnormally hot, stop using it immediately.
- Do not discard battery carelessly. Disposal in accordance with local regulations.
- Do not place battery near fire sources or throw into fire to prevent explosions or fires.

Battery Safety

Lithium-ion battery(for car):

- Battery Charging:
 - (1)Ages 8–12: Charging by adults only;
 - (2)Ages 13–16: Charging under adult supervision;
- When not in use for an long period of time, please fully charge the battery first, then disconnect the power plug. Recharge the battery every 3 months to prevent over-discharge and prolong the battery life;

2 x 1.5V AA batteries (for remote control, non-rechargeable):

- Installation or replacement should be put in correct polarity (+, -);
- Do not mix different types of batteries or new and old batteries;
- Non-rechargeable battery must not be charged;
- Replace the battery promptly when it runs out of power. Remove the battery when it is not used for a long time to prevent leakage and corrosion;

Precautions for Use

- Drive only on dry, flat, obstacle-free indoor or outdoor safe areas, away from stairs, slope, road, kitchen, bathroom, beach, and flooded areas;
- Do not swallow screws when assembling, beware of screwdriver poking; pay attention to the sharp edges of aluminum alloy to prevent scratches;
- Check that all parts are installed in place and firmly connected before starting;
- Prohibit rain, immersion in water or close to fire source or high temperature area;
- Do not touch the moving wheels to avoid injury;
- Turn off the power after use. Unplug the batteries if not in use for a long period of time and store the car in a dry place;
- Ultrasonic radar has the following detection limitations, which may cause the car to collide or tip over:
 - (1)Obstacle height exceeds detection range (too high or too low).
 - (2)Operating speed is too fast, causing detection delays.

The above conditions are normal for RC vehicles;

Product Specifications

Model: 265-A

Recommended Age:
8-16 Years Old

Product Dimensions:

Car: 130.8*153.3*92±1mm (5.15*6.04*3.62±0.04in)

Remote Control: 114.5*89.3*35±1mm (4.51*3.52*1.38in±0.04in)

Battery for Remote Control

2 x 1.5V AA batteries

Remote Control Distance:

≤10meters

(without obstruction)

Lithium-ion Battery

+3.7V/1500mAh

Charging Power:

+5V/0.5A

(compatible with +5V/1A, +5V/2A, +5V/2.4A, and +5V/3A power adapters)

Weight:

Car: 316.5g (0.7lb)

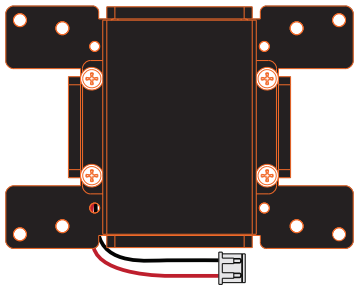
Remote Control: 95g (0.21lb)

Usage Time

Standing ≈ 4hours

Driving ≈ 1 hour

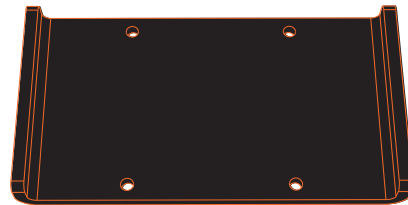
Accessory List



①

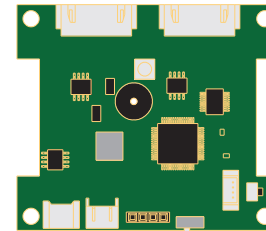
Bottom Frame x 1

Aluminum Alloy Battery Compartment
(Lithium-ion Battery Include)



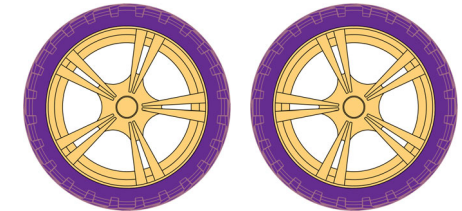
②

Auxiliary Board x 1



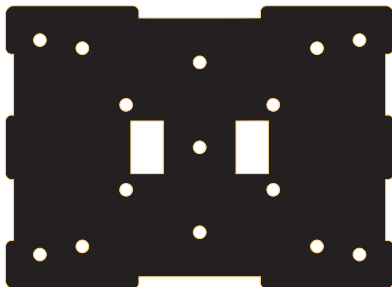
③

Main Control Board x 1



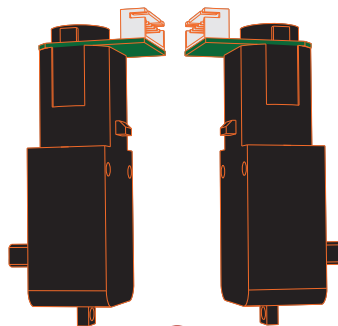
④

Wheel x 2



⑤

Acrylic Board x 1



⑥

Motor x 2



⑦

6-pin Cable x 2



⑨

Headlight Board x 1



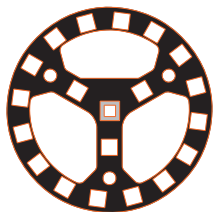
⑧

4-pin Cable x 1



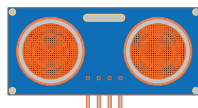
⑩

Tail Light Control Board x 1



⑪

**Top Ring-shaped
RGB Light Board x 1**



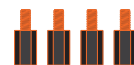
⑫

Ultrasonic Radar X 1



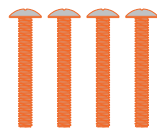
⑬

M3*20 Stud x 7



⑭

M3*10+6 Stud x 4



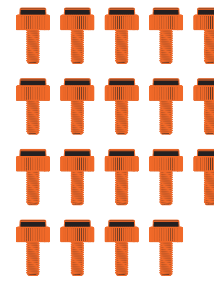
⑮

M3*25 Screw x 4



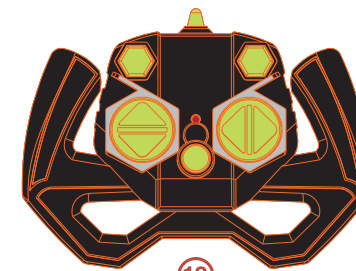
⑯

M3*50 Stud x 4



⑰

M3*8 Screw x 19



⑱

Remote Control x 1

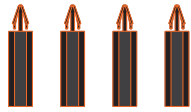


Screwdriver x 1



1.5V AA battery x 2

Assemble the main control board, auxiliary board and ultrasonic radar



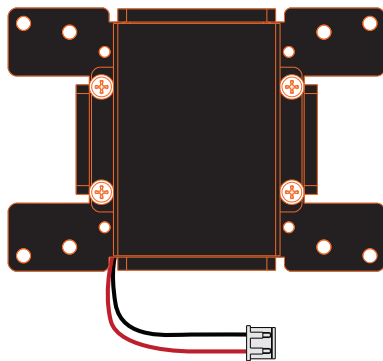
⑬

M3*20 Stud x 4



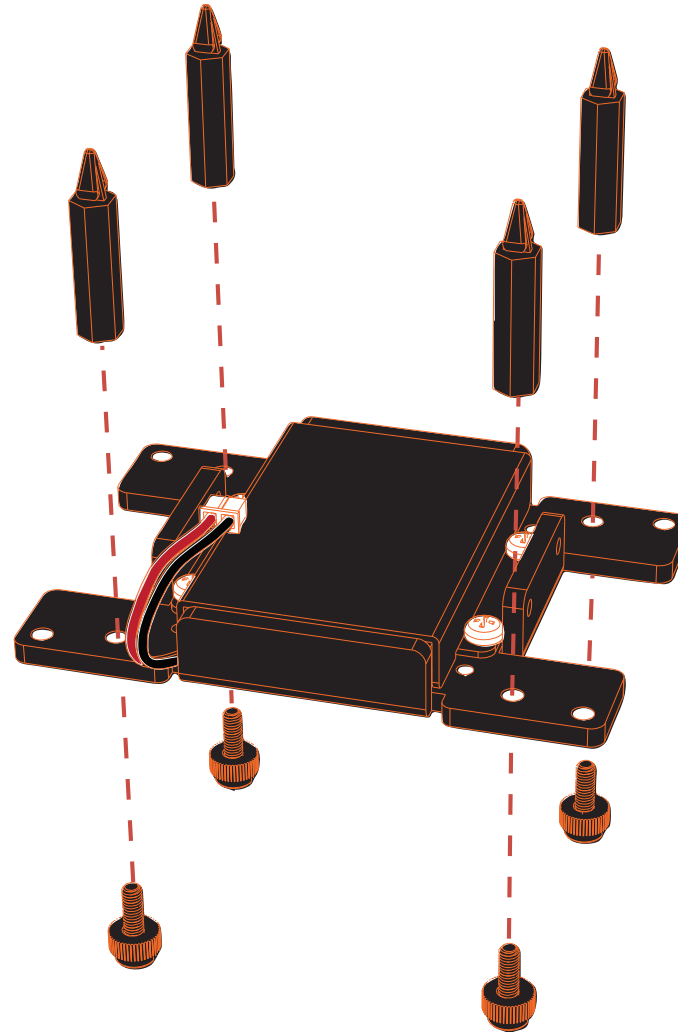
⑰

M3*8 Screw x 4



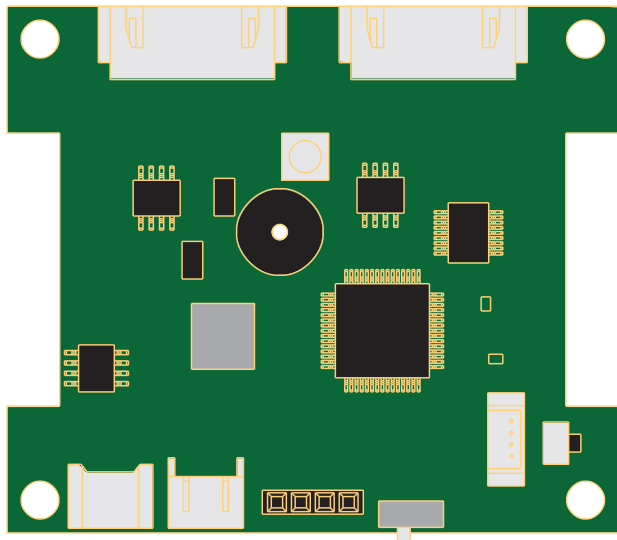
①

Aluminum Alloy Battery Compartment



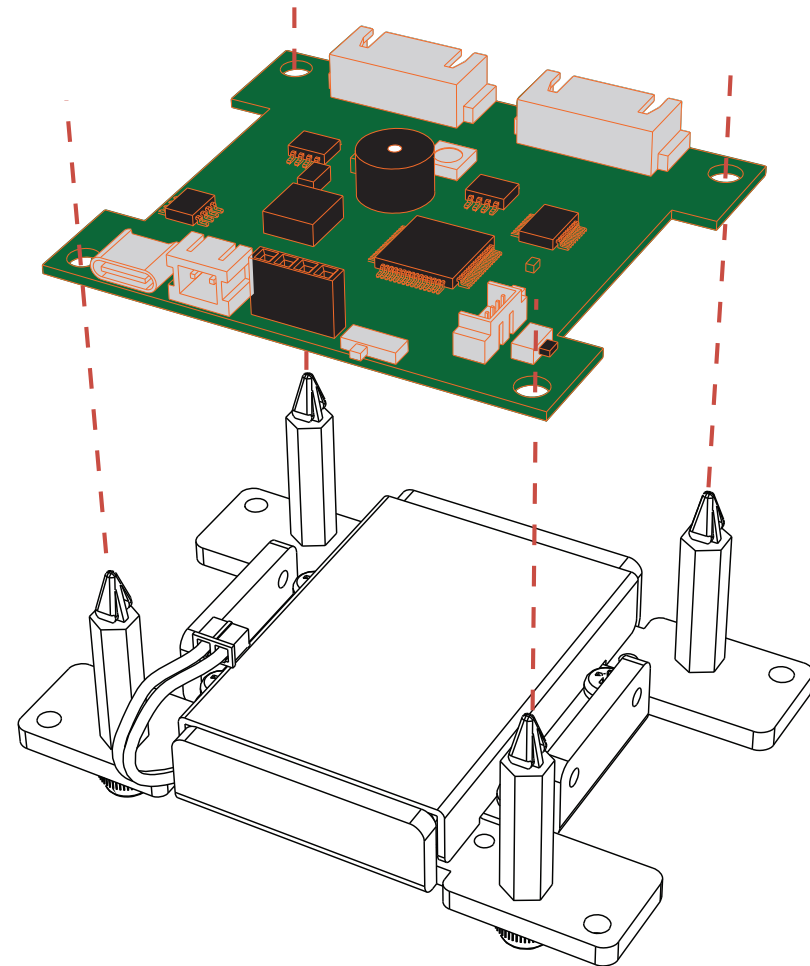
Secure ⑬ ⑰ to the ①.

Assemble the main control board, auxiliary board and ultrasonic radar



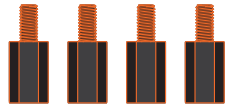
③

Main Control Board x 1



Install ③ onto the studs.

Assemble the main control board, auxiliary board and ultrasonic radar



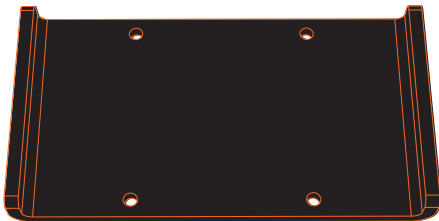
⑭

M3*10+6 Stud x 4



⑰

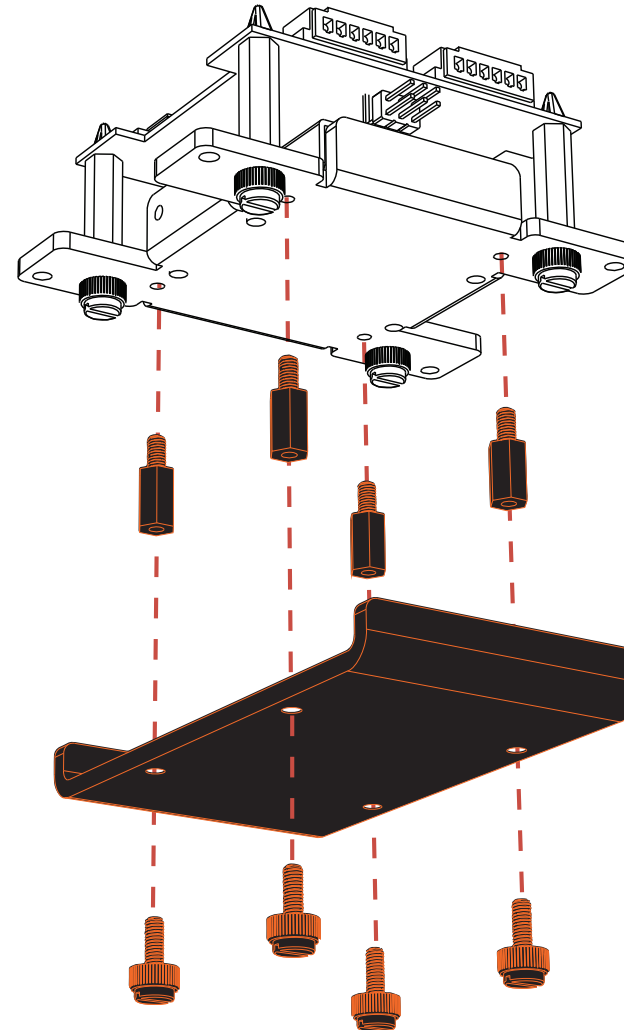
M3*8 Screw x 4



②

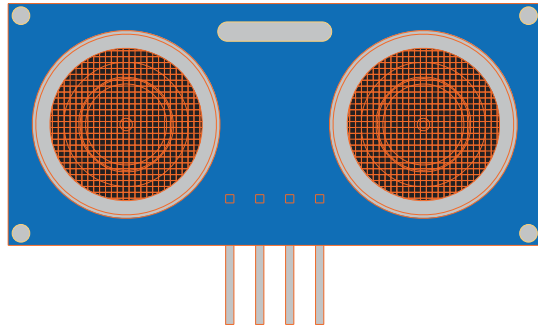
Auxiliary Board x 1

(Auxiliary board is a non-essential components, similar to children's bicycles auxiliary wheel, to help through the early stage; After skillful operation, the auxiliary board can be removed and the car will be smoother)



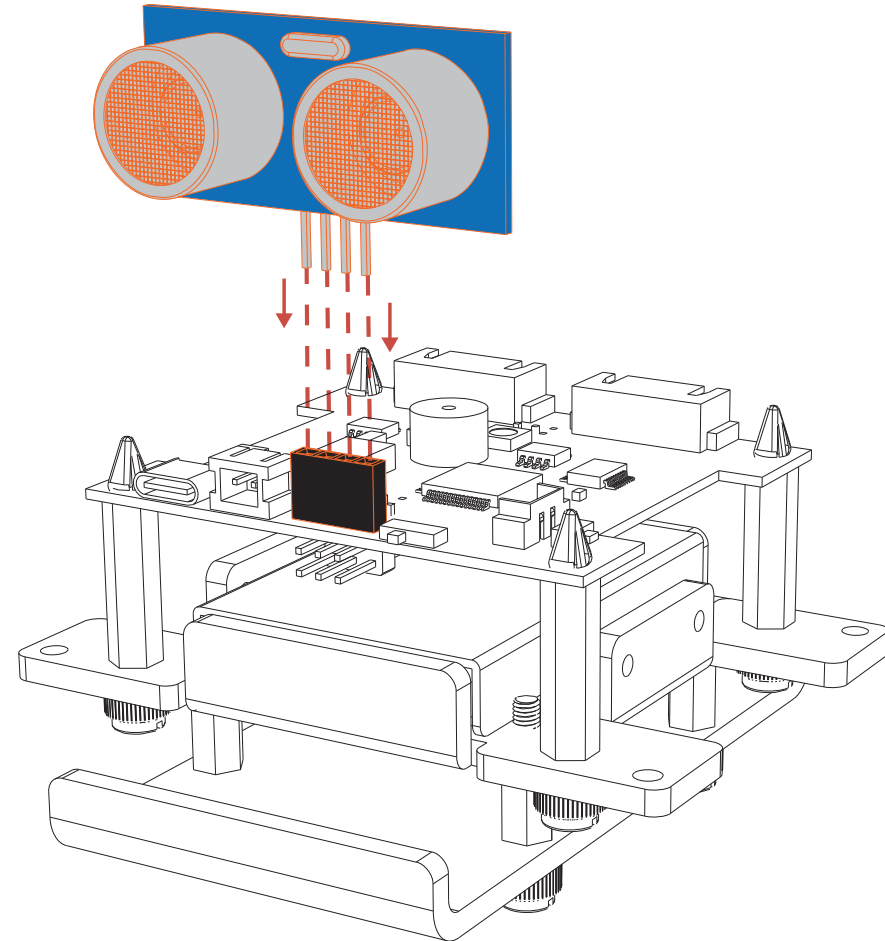
Secure ⑭ to the aluminum alloy battery compartment, install ② onto the studs, and secure it with ⑰.

Assemble the main control board, auxiliary board and ultrasonic radar



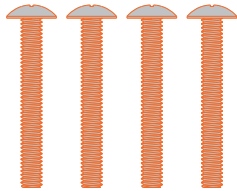
⑫

Ultrasonic Radar x 1



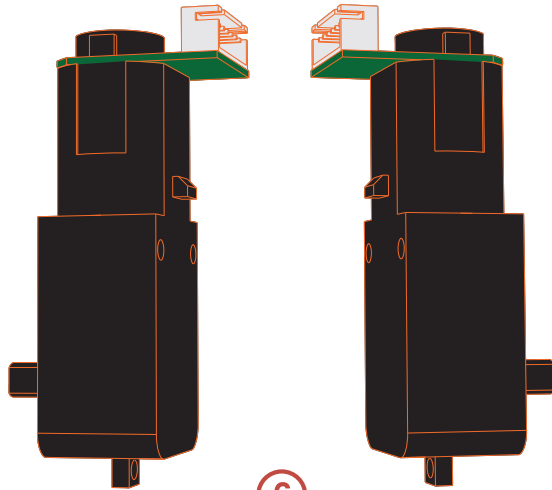
Insert ⑫ to the main control board

Assemble the motors and wheels



⑮

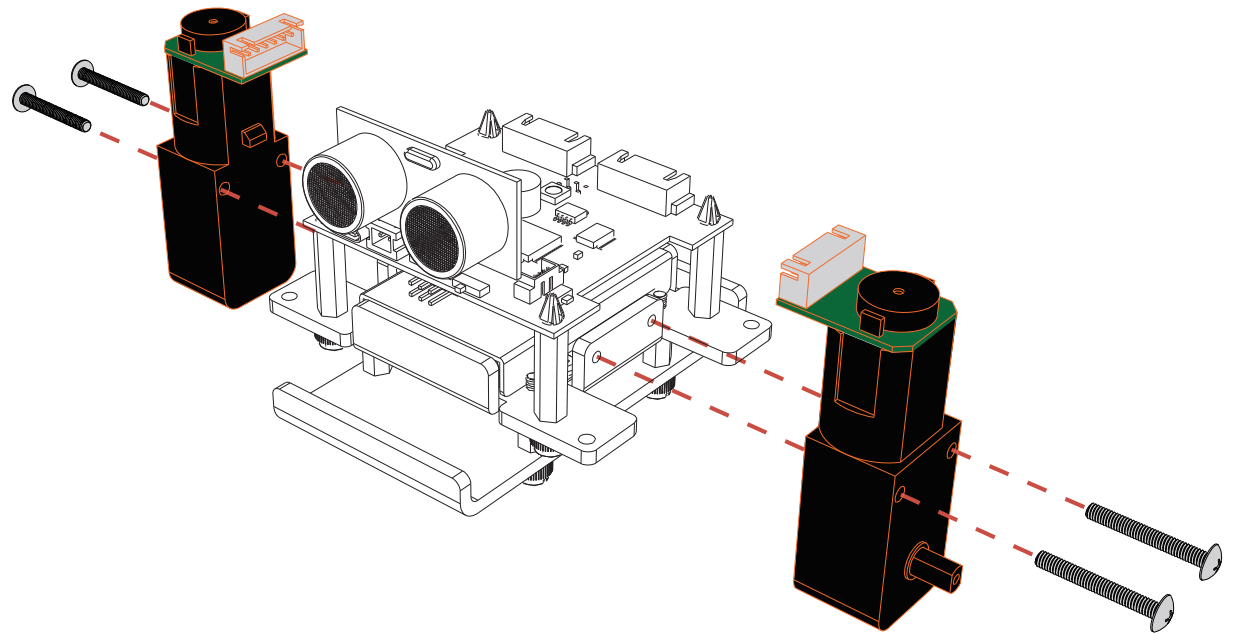
M3*25 Screw x 4



⑥

motor x 2

(the motors are not distinguished between left and right)



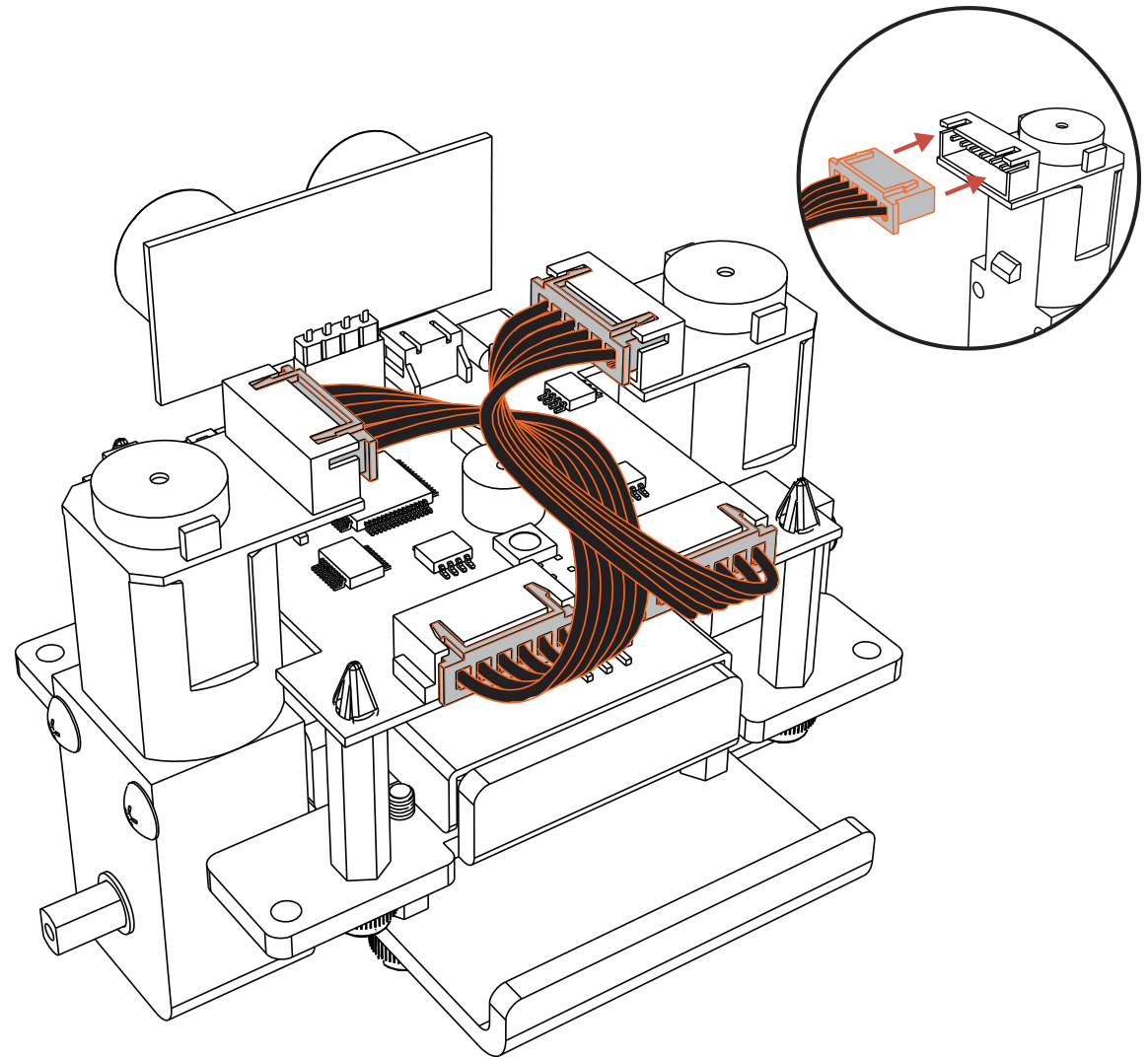
Use ⑮ to secure the two ⑥ to both sides of the aluminum alloy battery compartment.

Assemble the motors and wheels



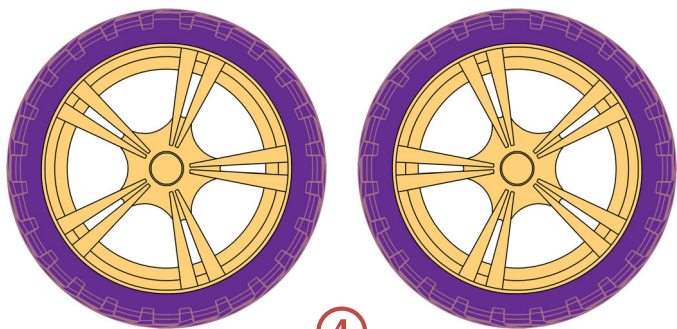
⑦

6-pin cable x 2

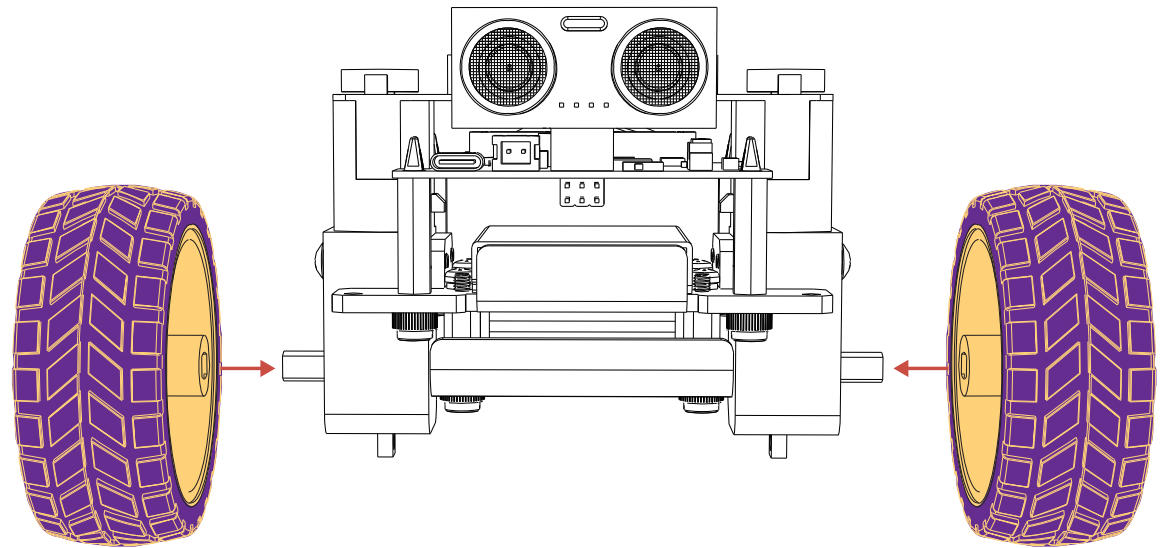


Check that the motors are securely installed, and then connect ⑦.

Assemble the motors and wheels



④
wheel x 2



Connect the two ④ to the output shafts of the two motors.

Rotate the wheels by hand to check whether they are flexible, if there is any sticking, readjust it.

Assemble the top frame



⑧

4-pin cable x 1



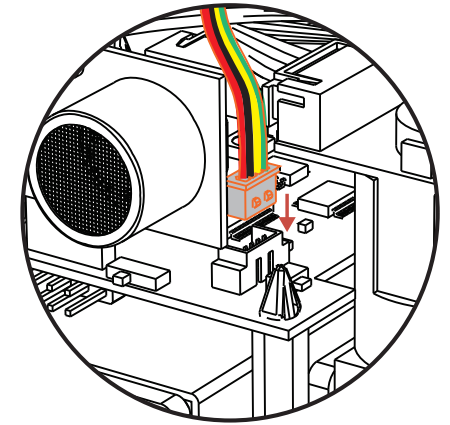
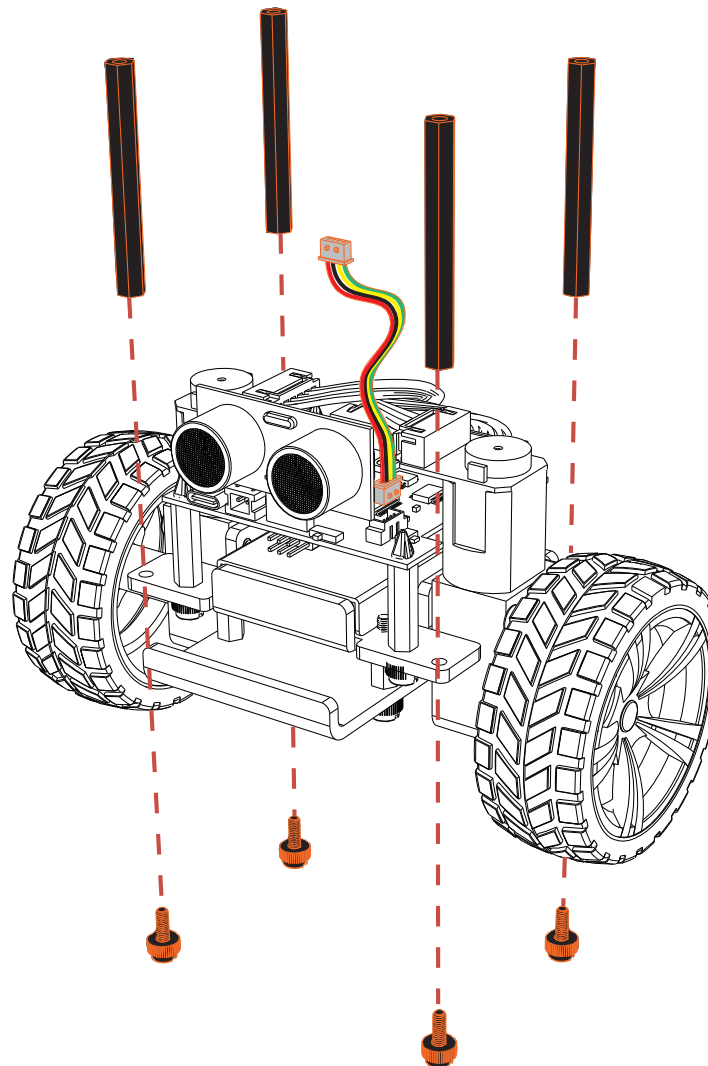
⑩

M3*50 stud x 4



⑪

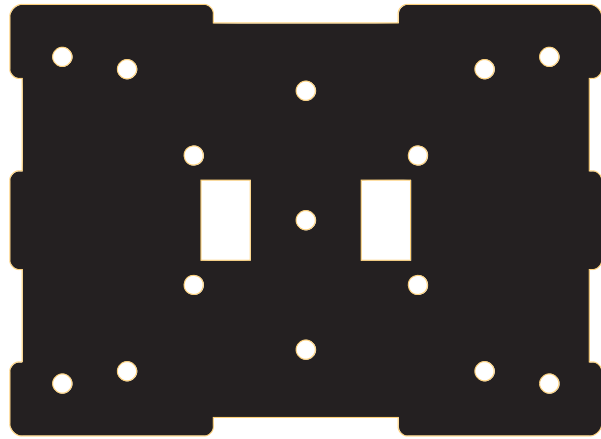
M3*8 Screw x 4



Insert ⑧ into the corresponding socket on the main control board.

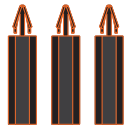
Place ⑩ on the four sides of the aluminum alloy battery compartment and secure them with ⑪.

Assemble the top frame



⑤

Acrylic Board x 1



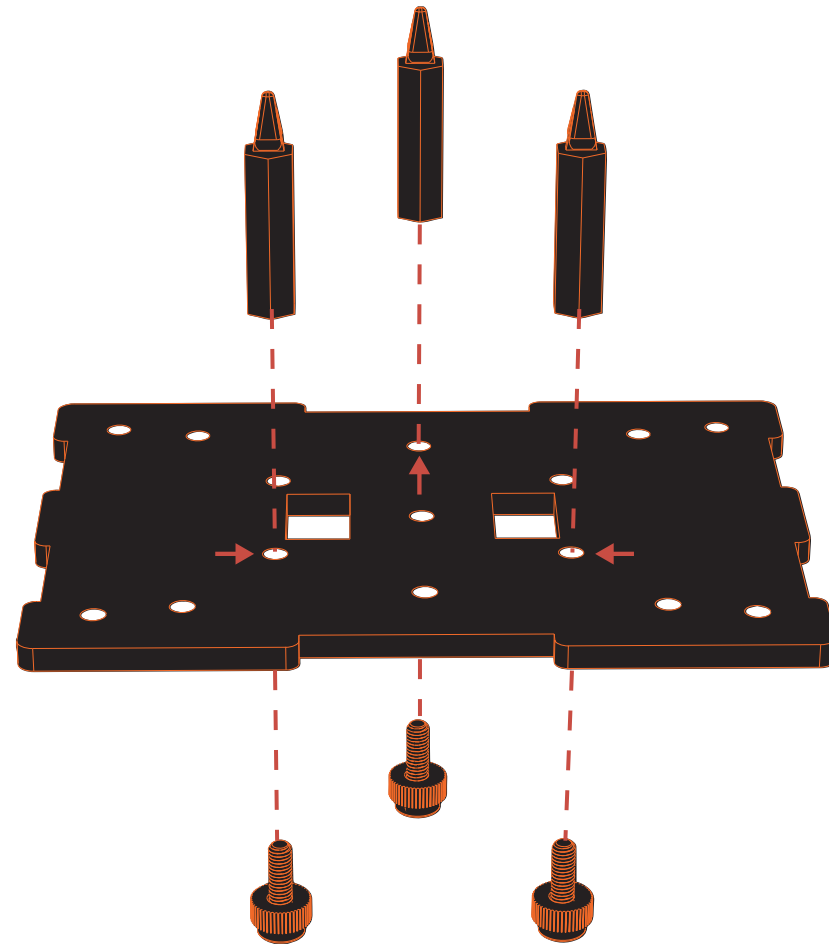
⑬

M3*20 stud x 3



⑰

M3*8 Screw x 3



Take out the ⑤, locate the three positions aligned with the top ring-shaped light board, secure ⑬ placed on the ⑤ with ⑰ .

Assemble the top frame

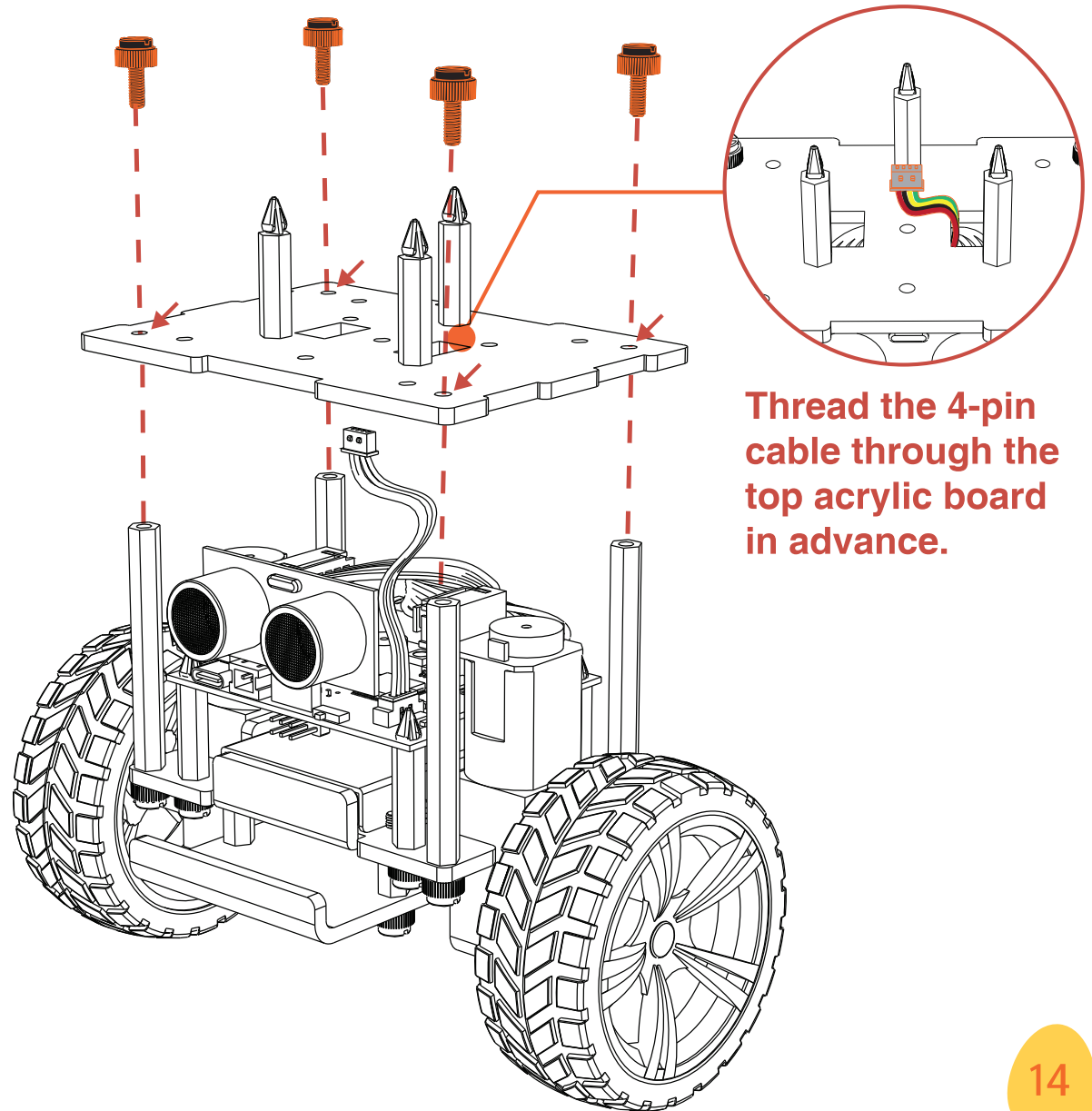


(17)

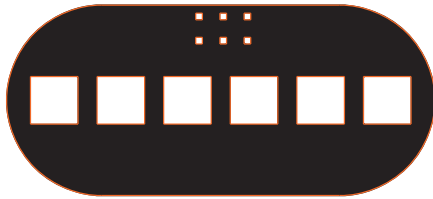
M3*8 Screw x 4

Align the top acrylic board with the positions of the four M3*50 studs and secure it with (17) .

Please note that do not tighten the first screw too much so that it can be adjusted until all 4 screws are aligned, then tighten them one by one.

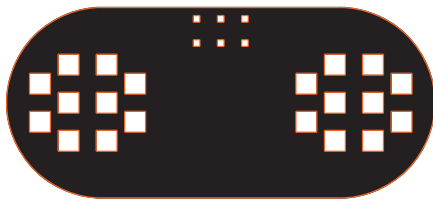


Assemble lighting components



⑨

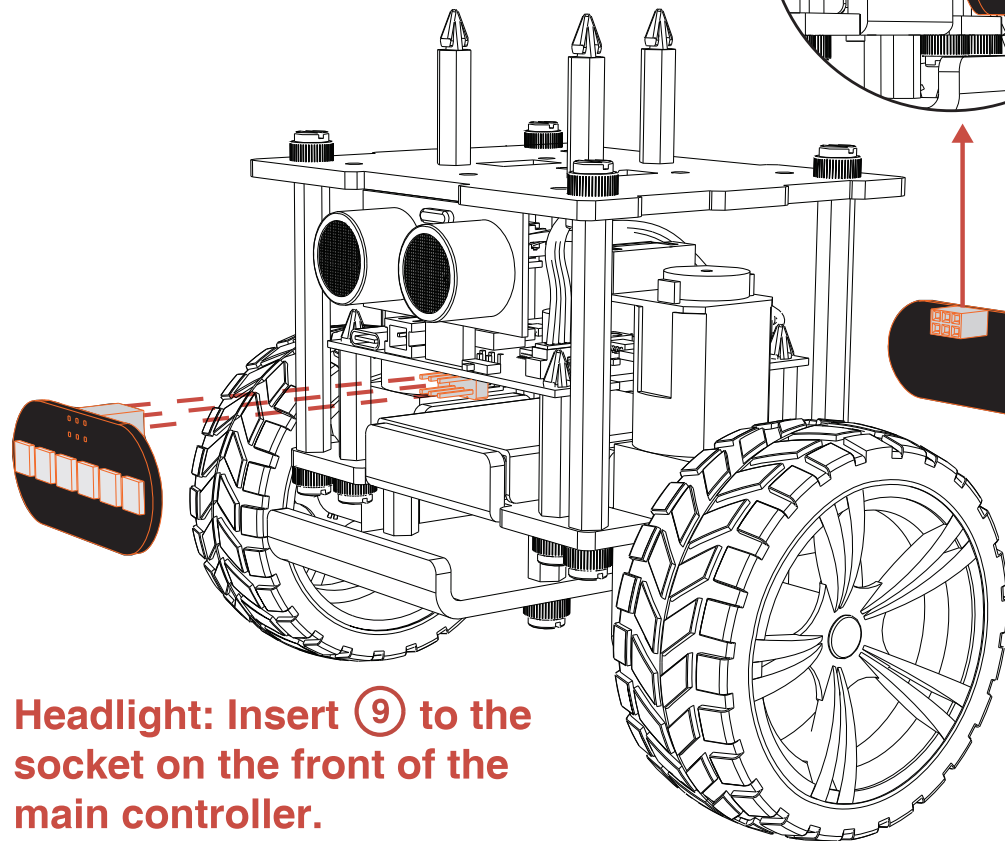
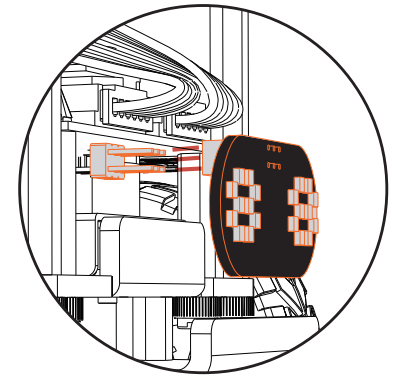
Headlight Board x 1



⑩

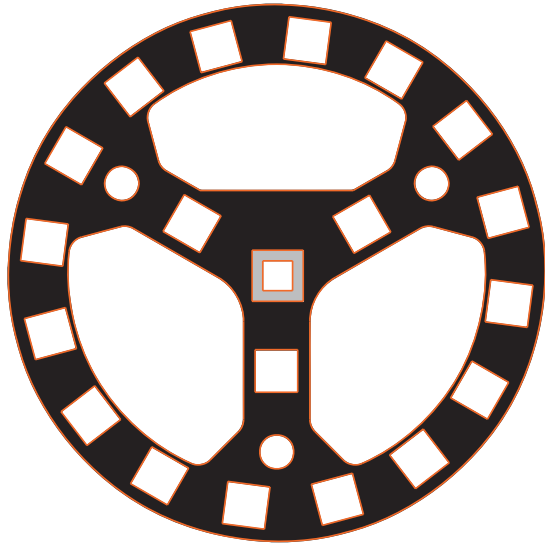
Tail Light Control Board x 1

Tail light: Insert ⑩ to the socket on the rear of the main controller.



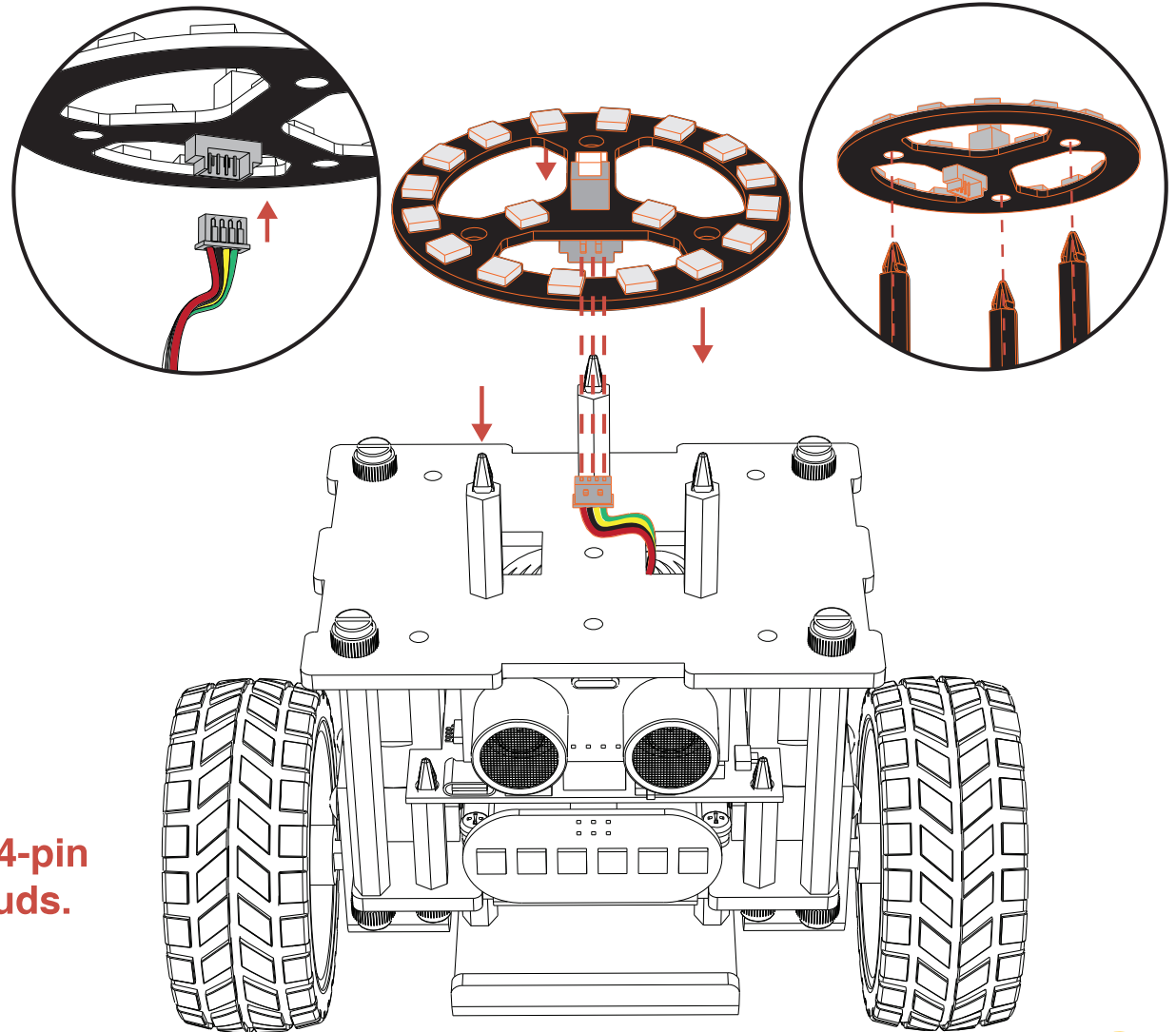
Headlight: Insert ⑨ to the socket on the front of the main controller.

Assemble lighting components



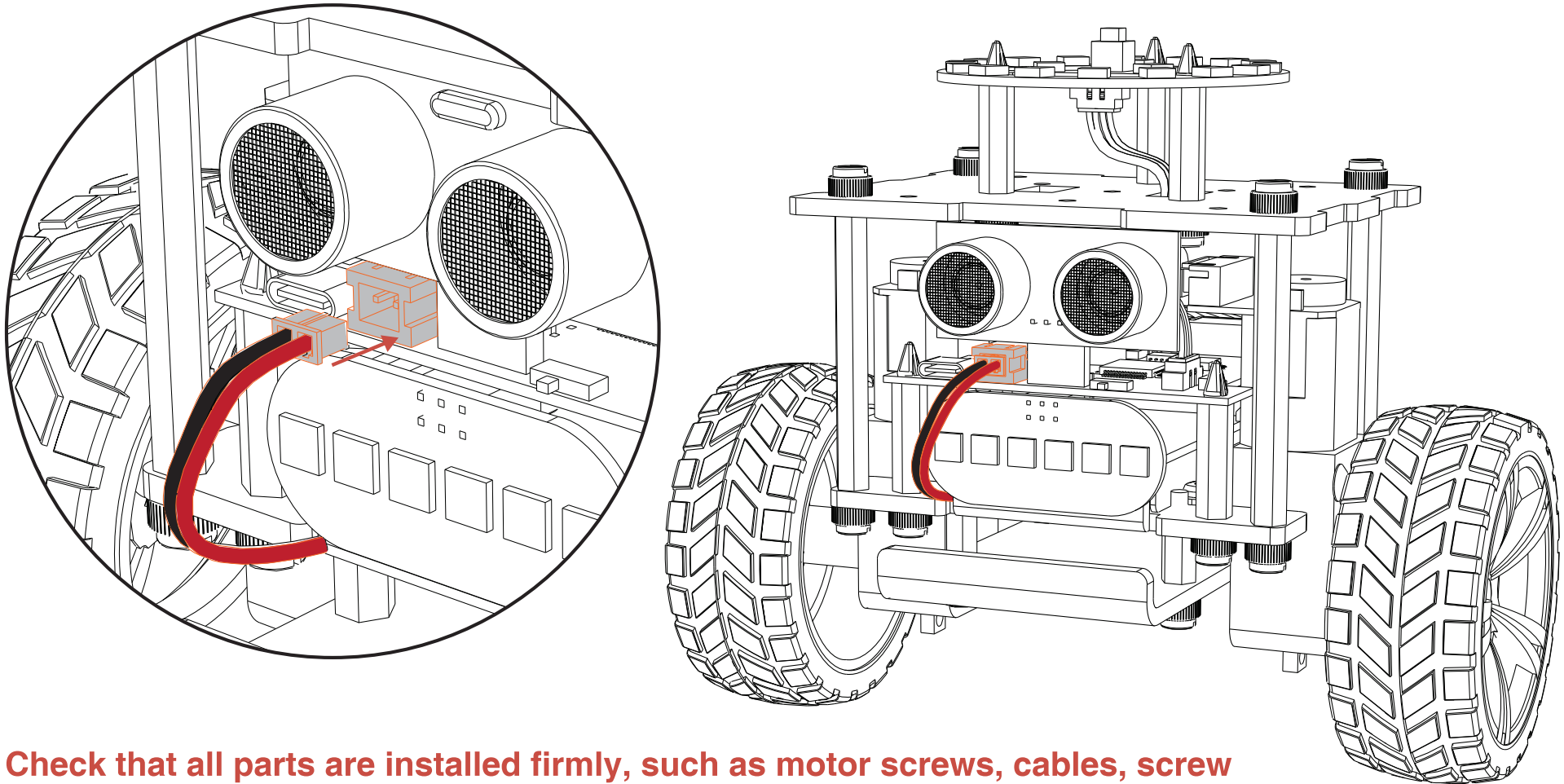
⑪

Top Ring-shaped RGB Light Board x 1



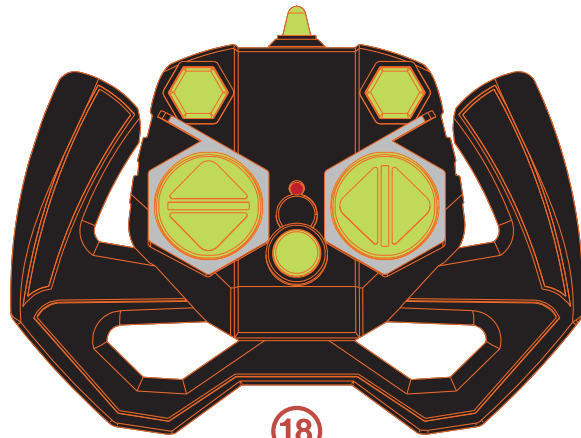
Top Ring-shaped RGB light: Insert the 4-pin cable to ⑪, then attached ⑪ to the studs.

Assembly complete



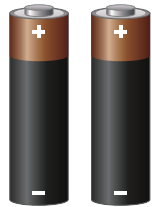
Check that all parts are installed firmly, such as motor screws, cables, screw studs, etc. If any are loose, tighten them by hand or with a tool;

Insert the 2-pin battery cable into the main control board socket to connect the power supply.



⑱

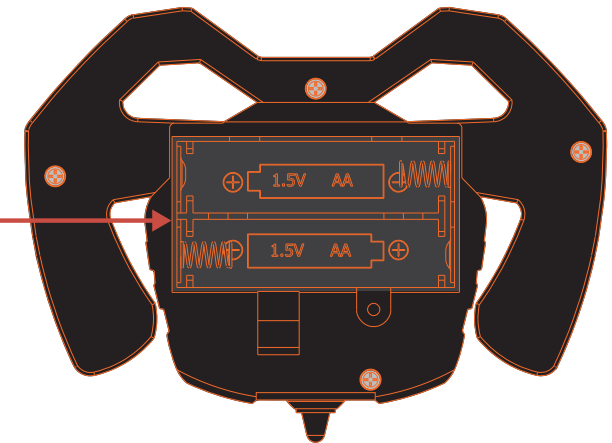
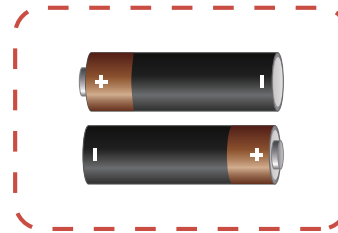
Remote Control x1



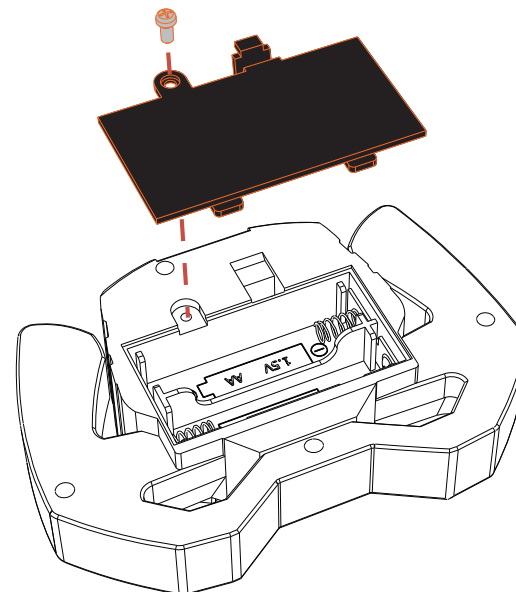
1.5V AA battery x 2



Screwdriver x1



Insert two 1.5V AA batteries into the battery compartment with the correct polarity;



Use screwdriver to tighten the screws and fix the battery cover of the ⑱, then all the assembly is completed.

Pairing Button / Headlight Switch

Press for 3 seconds
to enter pairing mode

Press briefly to turn the
headlight on or off

Lighting Change Button

Go Forward

Backward

Turn Right

Turn Left

Status Indicator Light

● Power on:
Green Light

● Obstacle Avoidance:
Green Light Flashing

○ Power off:
Light Off

● Pairing Mode:
Red Light Flashing



Power Button / Mode Change Button

Long press to turn off,
short press to turn on

In power-on status,
press briefly to switch
modes

Pairing the Remote Control with the Car

Initial Pairing

When using for the first time, the remote control and the car will automatically enter pairing mode. During pairing, the red light flashes. After about 2 seconds, the green light remain on, pairing is successful.

The product has a memory function, there is no need to re-pairing after replacing the battery.

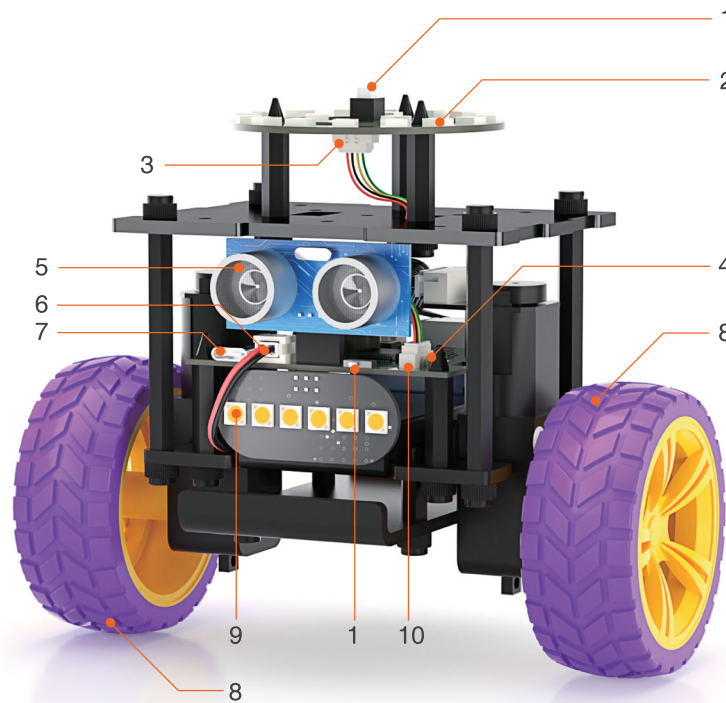
If you change the car or remote control, re-pairing is required:



- (1) Turn on the remote control (green light on), press the pairing button for 3 seconds (red light flashes) to enter pairing mode.
- (2) Turn on the car, press the pairing button for 3 seconds (red light flashes) to enter pairing mode.
- (3) After about 2 seconds, pairing is successful, and the green light remain on.

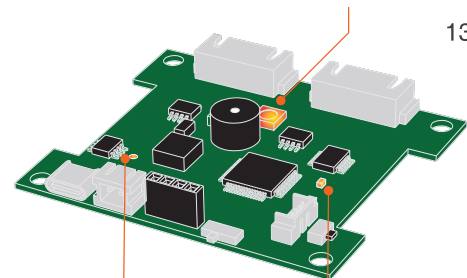
1. Power Button
2. Ring-shaped RGB Light Board
3. Connection Interface for Main Control Board and Top Ring-shaped RGB Light Board
4. Pairing Button
5. Ultrasonic Radar
6. Battery Connector
7. Type-C Charging Port
8. Wheel
9. Headlight
10. Control Interface for Top Ring-shaped RGB Light Board
11. Left Motor
12. Left Motor 6-pin Cable
13. Status Indicator light
14. Buzzer
15. Right Motor 6-pin Cable
16. Right Motor
17. Lithium-ion Battery
18. Brake Light/Turn Signals

■ Brake Light: Red Light On

■ Turn Signals: Yellow Light Flashing

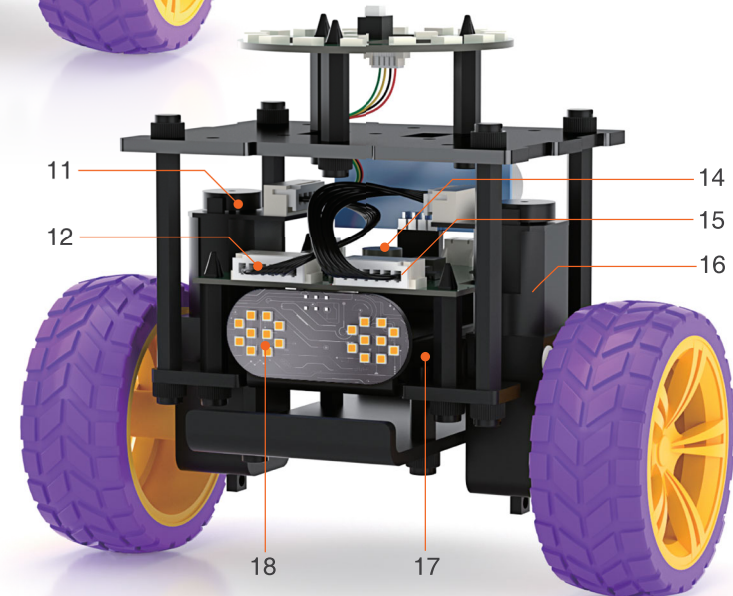


Status Indicator Light
 Normal:  White Light Flashing
 Low battery:  Red Light Flashing



Charging Indicator Light

Pairing Indicator Light



Main Parts Description:

Headlight:

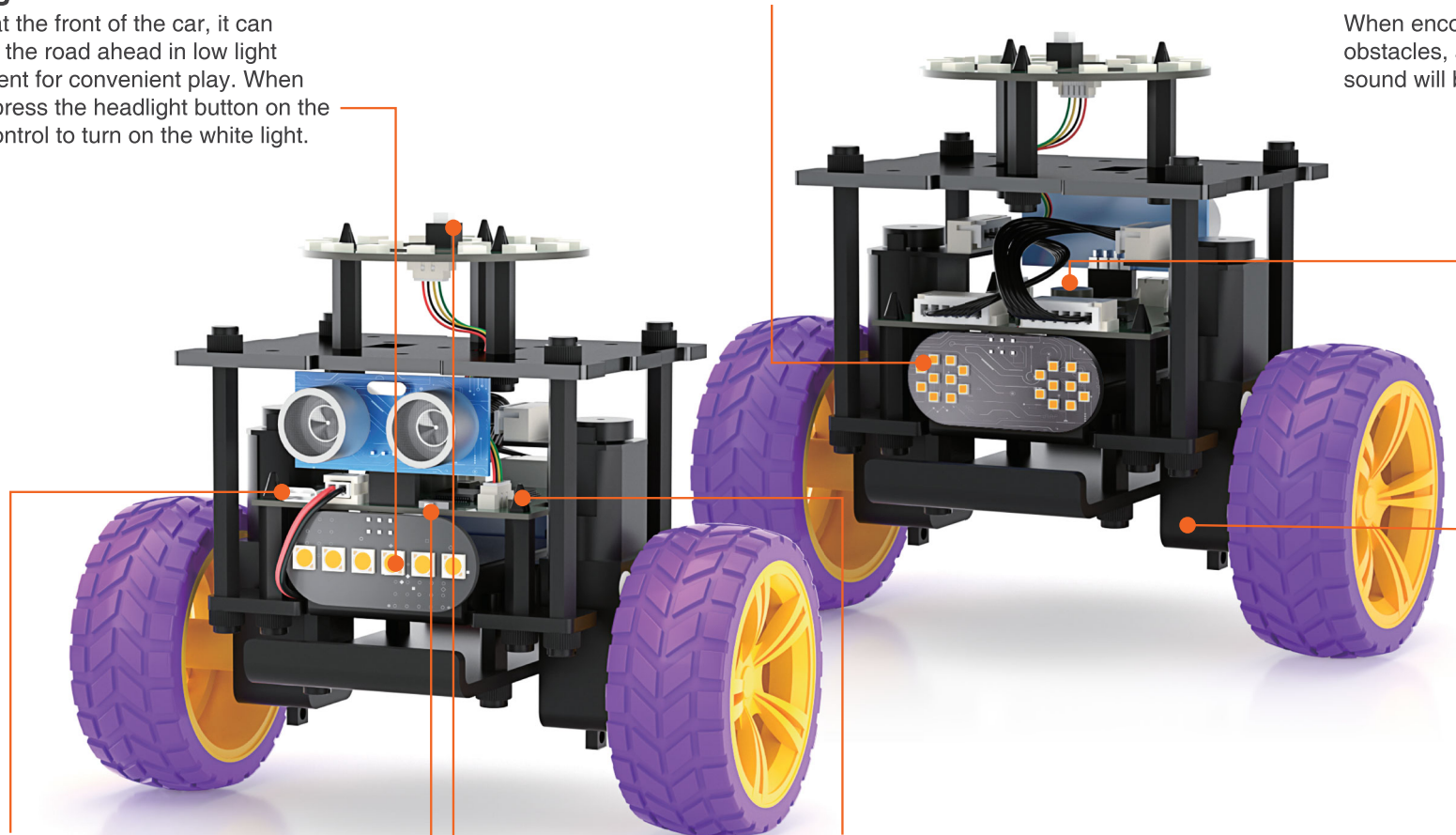
Located at the front of the car, it can illuminate the road ahead in low light environment for convenient play. When needed, press the headlight button on the remote control to turn on the white light.

Tail Light Control Board:

There are two modes. When switching lights, one is double-circle colorful light show, and the other is car light simulation.

Buzzer:

When encountering obstacles, a “beep” warning sound will be emitted.



Type-C Charging Port:

Charge the battery inside the car.

Power Button:

Both the main control board and the top ring-shaped RGB light board have a power button, allowing you to choose either button to start the car.

Pairing Button:

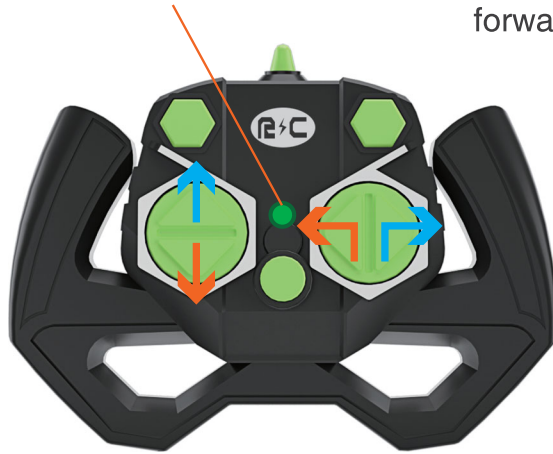
Press for 3 seconds until the red light flashes to enter pairing mode.

Motors:

2 motors to power the two drive wheels, allowing the car to move flexibly.

General Mode

Green Light Remain On



In general mode, you can manually control the car by using the directional buttons on the remote control.

Note: When the car detects an obstacle ahead, it will emit a “beep” sound and stop moving forward, please change the direction.



Obstacle Avoidance

Green Light Flashing



In obstacle avoidance mode, the direction control function of the remote control will be temporarily useless. The car will use the ultrasonic radar to send out sound waves and calculate distances, automatically adjusting its direction to avoid obstacles ahead. When encountering obstacles, the toy car will emit a “beep” sound as a warning.

Please ensure the car away from collisions, enjoy the fun!



Turn Headlight On/Off



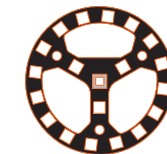
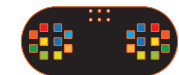
Turn Headlight On



Turn Headlight Off



Lighting Switch



Lighting Introduction

Headlight

Illuminate the road ahead in low light environment for convenient play



Double-Circle Colorful Light Show:

Lights display randomly



Brake Light

In car light simulation mode, when the car slows down or stops, the light will remain red to serve as a warning



Reverse Light

In car light simulation mode, the red brake light and white reverse light will automatically turn on when the car reverses



Turn Signals

In car light simulation mode, press the “turn left” button or “turn right” button to automatically flash the yellow turn signal light. Release the turn signal button to turn off the light



Top Ring-shaped RGB Light

Randomly displays in light show mode



Charging Introduction

1. Low battery: When the status indicator light flashes red, it indicates that the battery needs to be charged promptly.

2. Charging Steps:

Insert the Type-C charging cable into the Type-C charging port.

Notes:

- This product does not include a charger or charging cable. Users need provide their own power adapter and type-C charging cable that compatible with +5V/1A, +5V/2A, +5V/2.4A, or +5V/3A.
- When charging, the indicator light will remain red.
- When the battery is fully charged, the indicator light turns green. Remove the charging cable to complete charging.

Battery Recycling and Disposal

Dispose of batteries in accordance with local regulations. Do not discard them carelessly. It is recommended that used batteries be disposed of by a professional recycling organization or locally designated collection point.

Maintenance and Storage

- Cleaning: Use a dry cloth to wipe the car body, wheels, and remote control to prevent dust accumulation.
- Inspection: Regularly check screws and parts for looseness or damage. If any abnormalities are found, replace or tighten them promptly.
- Storage: Store the car, remote control, and batteries in a dry, cool, well-ventilated place, away from direct sunlight and high temperatures and humidity environment.
- Battery Maintenance: When not in use for an long period of time, please fully charge the battery first, then disconnect the power plug. Recharge the battery every 3 months to prevent over-discharge and prolong the battery life

Troubleshooting

Phenomenon	Cause	Solution
Car cannot move	Low battery	Charge the car by type-C charging cable
	The car is not turn on or the remote control has not been successfully paired	Turn on the car and re-pair the remote control
	Cables are not connected properly	Reinsert loose cables
	Faulty motor	Contact after-sales service for replacement
Slow response of the remote control	Battery is exhausted	Replace the 1.5V AA batteries
	Paring failed	Re-pairing
	Signal interference near the place	Change the place
	Reverse polarity of battery	Reinstall according to the correct polarity of the battery
Slow response of the remote control	Low battery	Replace the batteries
Remote control is intermittently dead	Remote control does not respond when pressing the button, but tapping the remote control or reinstalling the batteries can temporarily restore it	Replace the batteries; check whether the battery compartment spring is loose. If it is loose, please contact after-sales service to replace the remote control
Car lights not working	Cables are not connected properly	Check the corresponding cable connection
	Battery is exhausted	Charge promptly
Unstable driving	Uneven ground	Drive on flat ground
	Something stuck in the wheel	Clean up debris
	Loose parts	Tighten loose parts
Motor Noise	Faulty motor	Contact after-sales service for replacement

FCC Caution

- Any changes or modifications not expressly approved by the party responsible for compliance
- could void the user's authority to operate this equipment.
- 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.
- This equipment should be installed and operated with minimum distance 0mm between the radiator and your body.

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.

Warranty

Warranty Range		
Item	Warranty Duration	Description
Car/Major components	1 year	1 year warranty for the main components including the frame, motor, main board, light board, ultrasonic radar, battery compartment(lithium-ion battery include), and remote control, etc.
Wheels, AA batteries, screws and nuts	No Warranty	These are consumable items and are usually not covered by warranty.
Human Damage	No Warranty	Drop damage, water ingress, private disassembly, etc. are not covered under warranty.

How to apply for warranty service

Please keep the proof of purchase (such as order number) and contact customer service within the warranty period:

Email: eggtailz@163.com

Provide a description of the problem with the proof of purchase and a video or photo of the problem to help us deal with your issue quickly.

Upon confirmation, we will provide you with a free replacement or other solution.

Return Policy

If you find any quality issues within **30 days** of receiving the product, you can apply for a return or replacement.

Please ensure the product has not been used and includes all original packaging and accessories.

Manufacturer: Shenzhen Dachi Communication Co., Ltd.

**Manufacturer Address: Room 201, 202, 203, Building 3, Phase I,
Huangtian Yangbei Industrial Zone, Huangtian Community, Hangcheng
Street, Bao'an District, Shenzhen, City Guangdong Province**

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